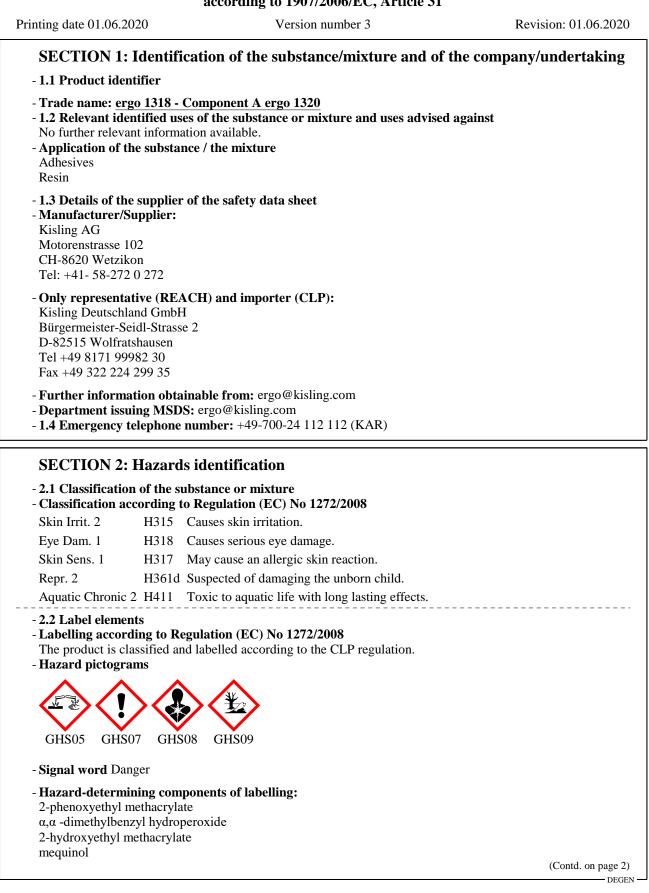
01.06.2020	Kit Components
Product code	Description
1320-200407	ergo 1320
Components:	
1318-200407	ergo 1318 - Component A ergo 1320
1319-200407	ergo 1319 - Component B ergo 1320



Page 1/11

Safety data sheet

according to 1907/2006/EC, Article 31



*

Version number 3

Revision: 01.06.2020

Trade name: ergo 1318 - Component A ergo 1320

(Contd. of page 1) rritation. Is eye damage. In allergic skin reaction. damaging the unborn child. atic life with long lasting effects.
as eye damage. A allergic skin reaction. damaging the unborn child. atic life with long lasting effects.
as eye damage. A allergic skin reaction. damaging the unborn child. atic life with long lasting effects.
allergic skin reaction. damaging the unborn child. atic life with long lasting effects.
damaging the unborn child. atic life with long lasting effects.
atic life with long lasting effects.
ements
void breathing vapours.
/ear protective gloves / eye protection.
F IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if
resent and easy to do. Continue rinsing.
F exposed or concerned: Get medical advice/attention.
nmediately call a POISON CENTER/doctor.
skin irritation or rash occurs: Get medical advice/attention.
ges where the contents do not exceed 125 ml
GHS08 GHS09
g components of labelling:
nacrylate
hydroperoxide
acrylate
is eye damage.
allergic skin reaction.
damaging the unborn child.
ements
void breathing vapours.
/ear protective gloves / eye protection.
F IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if
resent and easy to do. Continue rinsing.
F exposed or concerned: Get medical advice/attention.
nmediately call a POISON CENTER/doctor.
skin irritation or rash occurs: Get medical advice/attention.
skii initation of fash occurs. Oct metical advice/attention.
-D-D according to the
vPvB assessment
2.
e.

*

- **3.2 Mixtures** - **Description:** Adhesive

- Dangerous components:		
	2-hydroxyethyl methacrylate Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	> 30 - ≤ 50%
Reg.nr.: 01-2119490169-29-xxxx		(Contd. on page 3)

- DEGEN -

Version number 3

Revision: 01.06.2020

Trade name: ergo 1318 - Component A ergo 1320

		(Contd. of page 2)
CAS: 10595-06-9	2-phenoxyethyl methacrylate	≥ 25 - ≤ 30%
EINECS: 234-201-1	Repr. 2, H361d; Aquatic Chronic 2, H411; Skin Sens.	
Reg.nr.: 01-2120752383-55-xxxx		
CAS: 41637-38-1	Ethoxylated Bisphenol-A Dimethacrylate	> 5 - ≤ 15%
EC number: 609-946-4	Aquatic Chronic 4, H413	
CAS: 80-15-9	α,α -dimethylbenzyl hydroperoxide	≥ 3 - ≤ 5%
EINECS: 201-254-7	Org. Perox. E, H242; Acute Tox. 3, H331; STOT RE	
Index number: 617-002-00-8	2, H373; Skin Corr. 1B, H314; Aquatic Chronic 2,	
	H411; Acute Tox. 4, H302; Acute Tox. 4, H312;	
	STOT SE 3, H335; Flam. Liq. 4, H227	
CAS: 150-76-5	mequinol	≥ 0.1 - < 1%
EINECS: 205-769-8 Index number: 604-044-00-7	Repr. 2, H361d; Acute Tox. 4, H302; Eye Irrit. 2, H319; Skin Sens. 1, H317; Aquatic Chronic 3, H412	
		10/
CAS: 79-41-4 EINECS: 201-204-4	methacrylic acid	< 1%
Index number: 607-088-00-5	Acute Tox. 3, H311; Skin Corr. 1A, H314; Eye Dam. 1, H318; Acute Tox. 4, H302; Acute Tox. 4, H332;	
Reg.nr.: 01-2119463884-26-xxxx		
CAS: 26741-53-7	3,9-Bis(2,4-di-tertbutyl phenoxy)-2,4,8,10.tetroxa-	> 0.025 < 0.25%
CAS. 20/41-35-7	3,9-diphosphaspiro[5.5]undecane	= 0.023 - < 0.23%
	Aquatic Chronic 1, H410	
Additional information. For the	wording of the listed hazard phrases refer to section 16.	
- Auunuonai muormanon; Por ule	wording of the fisted hazard pillases feler to section 10.	

SECTION 4: First aid measures

- 4.1 Description of first aid measures

- General information:

Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

- After inhalation:

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

- After skin contact:

After contact with skin, wash immediately with plenty of soap and water.

If skin irritation continues, consult a doctor.

- After eye contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

- After swallowing:

Rinse out mouth and then drink plenty of water.

If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

- 4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

- 4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures

- 5.1 Extinguishing media

- Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.

- 5.2 Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

(Contd. on page 4)

Version number 3

Revision: 01.06.2020

Trade name: ergo 1318 - Component A ergo 1320

(Contd. of page 3) - 5.3 Advice for firefighters - Protective equipment: Wear self-contained respiratory protective device. Do not inhale explosion gases or combustion gases. - Additional information Cool endangered receptacles with water spray. Dispose of fire debris and contaminated fire fighting water in accordance with official regulations. **SECTION 6: Accidental release measures** - 6.1 Personal precautions, protective equipment and emergency procedures Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation Use respiratory protective device against the effects of fumes/dust/aerosol. - 6.2 Environmental precautions: Inform respective authorities in case of seepage into water course or sewage system. Do not allow product to reach sewage system or any water course. - 6.3 Methods and material for containment and cleaning up: Ensure adequate ventilation. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of the material collected according to regulations. - 6.4 Reference to other sections See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 10 for information on "stability and reactivity". See Section 13 for disposal information. **SECTION 7: Handling and storage** - 7.1 Precautions for safe handling Ensure good ventilation/exhaustion at the workplace. Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air). - Information about fire - and explosion protection: Keep ignition sources away - Do not smoke. Protect against electrostatic charges. - 7.2 Conditions for safe storage, including any incompatibilities - Storage: - Requirements to be met by storerooms and receptacles: Store only in the original receptacle. - Information about storage in one common storage facility: Store away from foodstuffs. - Further information about storage conditions: Keep receptacle tightly sealed. Protect from heat and direct sunlight. Store receptacle in a well ventilated area. Store in a cool place. - Storage class (TRGS 510, Storage of hazardous substances in non-stationary containers): 10-13 - 7.3 Specific end use(s) No further relevant information available. **SECTION 8: Exposure controls/personal protection** - Additional information about design of technical facilities: No further data; see item 7.

- 8.1 Control parameters

- Ingredients with limit values that require monitoring at the workplace:

868-77-9 2-hydroxyethyl methacrylate

MAK (Germany) vgl.Abschn.IIb

(Contd. on page 5)

Printing date 01.06.2020

*

Version number 3

Revision: 01.06.2020

Trade name: ergo 1318 - Component A ergo 1320

10.15 year tamp Jumpf and AerosolvgLAbschn.Xa 79.414 methacrylic acid AGW (Germany) Long-tern value: 180 mg/m ³ , 50 ppm 2 (1),DFG, Y - CAS No. Designation of material % Type Value Unit - Additional Occupational Exposure Limit Values for possible hazards during processing: 144-627 Oscilla caid IOELV (European Union) Long-term value: 1 mg/m ³ AGW (Germany) LOg-term value: 1 mg/m ³ AGW (Germany) LOB-term value: 1 mg/m ³ LOB value term value: 1 mg/m ³ LOB value termore value term value tevalue term value term value tevalue term va	80-15-9 α,α -dimethylben	(Contd. of pag zvl hvdroperoxide
79-41-4 methacrylic acid AGW (Germany) 2 (D):DFG, Y - CAS No. Designation of material % Type Value Unit - Additional Occupational Exposure Limit Values for possible hazards during processing: 144-62-7 oxalic acid IOELV (European Union) Long-term value: 1 mg/m³ AGW (Germany) Long-term value: 1 mg/m³ AGW (Germany) Long-term value: 1 E mg/m³ 1(D):H, EU, 13 - Additional information: The lists valid during the making were used as basis. - 8.2 Exposure controls - Personal protective equipment: - Personal protective equipment: - General protective and hygienic measures: The usual protective and hygienic measures: - Material of work. Do no tinhale gases / fumes / aerosols. - Avoid contact with the cyes and skin. • Respiratory protection: - Avoid contact with the cyes and skin. • Respiratory protection: - Protective gloves (EN 374) Check protective gloves prior to each use for their proper condition. - The product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation. Due to missing tests no recommendation to the glove material, but also on further marks of qu and varies from manufacturer to manufacturer. As the product is a preparation of several substances res		
AGW (Germany) Long-term value: 180 mg/m ³ , 50 ppm 2 (1):DFG, Y - - CAS No. Designation of material % Type Value Unit - Additional Occupational Exposure Limit Values for possible hazards during processing: - 144-62-7 oxalic acid - IOELV (European Union) Long-term value: 1 mg/m ³ _ AGW (Germany) Long-term value: 1 mg/m ³ _ Additional information: The lists valid during the making were used as basis. - S2 Exposure controls - Personal protective equipment: - General protective and hygienic measures: The usual precautionary measures are to be adhered to when handling chemicals. Keep away from foodstuffs, beverages and feed. Immediately remove all solied and contaminated clothing Wash hands before breaks and at the end of work. Do not inhale gases / fumes / aerosols. Avoid contact with the eyes and skin. - Respiratory protection: Use suitable respiratory protective device in case of insufficient ventilation. Filter A/P2 • Protection of hands: Protective gloves prior to each use for their proper condition. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to	· · · ·	
2 (1):DFG, Y - CAS No. Designation of material % Type Value Unit - Additional Occupational Exposure Limit Values for possible hazards during processing: 144-62-7 oxalic acid IOELV (European Union) Long-term value: 1 mg/m³ AGW (Germany) Long-term value: 1 mg/m³ I.O:H, EU, 13 - - Additional information: The lists valid during the making were used as basis. - 8.2 Exposure controls - Personal protective equipment: - General protective equipment: - Gonata with the eyes and feed. Immediately remove all solied and contaminated clothing Wash hands before breaks and at the end of work. Do not inhale gases / fumes / aerosols. Avoid contact with the eyes and skin. - Respiratory protection: Use suitable respiratory protective device in case of insufficient ventilation. Filter A/P2 - Protective gloves (EN 374) Check protective gloves material on consideration of the penetration times, rates of diffusion and the degradite chemical mixture. <	•	1 100
Additional Occupational Exposure Limit Values for possible hazards during processing: 144-62-7 oxalic acid IOELV (European Union) Long-term value: 1 mg/m³ AGW (Germany) Long-term value: 1 mg/m³ I.();H, EU, 13 - Additional information: The lists valid during the making were used as basis. • AZ Exposure controls - General protective equipment: - General protective and hygienic measures: - General protective and hygienic measures: The usual precautionary measures are to be adhered to when handling chemicals. Keep away from foodsfulfs, beverages and feed. Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work. Do not inhal gases / fumes / aerosols. Avoid contact with the eyes and skin. Respiratory protection: Use suitable respiratory protective device in case of insufficient ventilation. Filter AP2 Protection of hands: Protective gloves gloves prior to each use for their proper condition. The sleetion of the glove material on consideration of the glove material can be given for the product/ the preparation. Due to missing tests no recommendation to the glove material, but also on further marks of qu and varies from manufacturer to manufacturer. As the product is a preparation of several substances resistance of the glove material	2 (I);DF	G, Y
144-62-7 oxalic acid IOELV (European Union) Long-term value: 1 mg/m³ AGW (Germany) Long-term value: 1 E mg/m³ 1(D:H, EU, 13 - Additional information: The lists valid during the making were used as basis. -8.2 Exposure controls - Personal protective equipment: - General protective equipment: - General protective and bygienic measures: The usual protective and bygienic measures: - Mathematical Column The usual protective equipment: - General protective and solid and contaminated clothing Wash hands before breaks and at the end of work. Do not inhale gases / fumes / aerosols. Avoid contact with the eyes and skin. - Avoid contact with the eyes and skin. - Respiratory protection: Use suitable respiratory protective device in case of insufficient ventilation. Filter A/P2 - Protection of hands: Protective gloves prior to each use for their proper condition. - The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material, but also on further marks of qu and varies from manufacturer to manufacturer. As the product is a preparation of several substances resistance of the glove material The selection of the suitable gloves does not only depend on the material, but also on further marks of qu and varies from manufacturer to manufacturer. As the prod		
IOELV (European Union) Long-term value: 1 mg/m³ AGW (Germany) Long-term value: 1 E mg/m³ 1(1);H, EU, 13 Long-term value: 1 E mg/m³ - Additional information: The lists valid during the making were used as basis. - 8.2 Exposure controls Personal protective equipment: - General protective equipment: - General protective and hygienic measures: The usual protectative and hygienic measures: - Mathian Mathematical Coloning Wash hands before breaks and at the end of work. Do not inhale gases / fumes / acrosols. Avoid contact with the eyes and skin. - Respiratory protection: Use suitable respiratory protective device in case of insufficient ventilation. - Filter A/P2 - Protection of hands: Protective gloves (EN 374) Check protective gloves prior to each use for their proper condition. The glove material has to be impermeable and resistant to the product the substance/ the preparation. Due to missing tests no recommendation to the glove material, but also on further marks of qu and varies from manufacturer to manufacturer. As the product is a preparation of several substances resistance of the gloves does not only depend on the material, but also on further marks of qu and varies from manufacturer to manufacturer. As the product is a preparation of several substances resistance o	-	Exposure Limit Values for possible hazards during processing:
AGW (Germany) Long-term value: 1 E mg/m³ 1(1):H, EU, 13 - Additional information: The lists valid during the making were used as basis. -8.2 Exposure controls - Personal protective equipment: - General protective and hygienic measures: The usual precautionary measures are to be adhered to when handling chemicals. Keep away from foodstuffs, beverages and feed. Immediately remove all solied and contaminated clothing Wash hands before breaks and at the end of work. Do not inhale gases / fumes / aerosols. Avoid contact with the eyes and skin. - Respiratory protection: Use suitable respiratory protective device in case of insufficient ventilation. Filter A/P2 Protective gloves (BN 374) Check protective gloves prior to each use for their proper condition. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation. Due to missing tests no recommendation of the penetration times, rates of diffusion and the degrad: Adaterial of gloves The selection of the suitable gloves does not only depend on the material, but also on further marks of quadivative. Selection tine glove material The exact brea	144-62-7 oxalic acid	
I(I):H, EU, 13 - Additional information: The lists valid during the making were used as basis. -8.2 Exposure controls - Personal protective equipment: - General protective and hygienic measures: The usual precautionary measures are to be adhered to when handling chemicals. Keep away from foodstuffs, beverages and feed. Immediately remove all solied and contaminated clothing Wash hands before breaks and at the end of work. Do not inhale gases / fumes / aerosols. Avoid contact with the eyes and skin. - Respiratory protection: Use suitable respiratory protective device in case of insufficient ventilation. Filter A/P2 - Protective gloves (EN 374) Check protective gloves prior to each use for their proper condition. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation. Due to missing tests no recommendation of the penetration times, rates of diffusion and the degrad. - Material of gloves The selection of the glove material can not be calculated in advance and has therefore to be checked prior t application. - Pretertation time of glove material - Panetration time of glove material	IOELV (European Union)	Long-term value: 1 mg/m ³
 8.2 Exposure controls Personal protective equipment: General protective and hygienic measures: The usual protective and hygienic measures: The usual precautionary measures are to be adhered to when handling chemicals. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work. Do not inhale gases / fumes / acrosols. Avoid contact with the eyes and skin. Respiratory protection: Use suitable respiratory protective device in case of insufficient ventilation. Filter A/P2 Protection of hands: Protective gloves prior to each use for their proper condition. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparate the chemical mixture. Selection of the gloves material on consideration of the penetration times, rates of diffusion and the degrade AMaterial of gloves The selection of the suitable gloves does not only depend on the material, but also on further marks of qu and varies from manufacturer to manufacturer. As the product is a preparation of several substances resistance of the glove material can not be calculated in advance and has therefore to be checked prior t application. Penetration time of glove material Protection: Tightly sealed goggles SECTION 9: Physical and chemical properties 9.1 Information on basic physical and chemical properties 9.1 Information on basic physical and chemical properties 9.1 Information on basic physical and chemical properties 9.1 Information 9.1 Clour: Yellowish Odour: Characteristic Odour: Characteristic Odour: Characteristic 	AGW (Germany)	
 Personal protective equipment: General protective and hygienic measures: The usual procautionary measures are to be adhered to when handling chemicals. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work. Do not inhale gases / fumes / aerosols. Avoid contact with the eyes and skin. Respiratory protection: Use suitable respiratory protective device in case of insufficient ventilation. Filter A/P2 Protective gloves prior to each use for their proper condition. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparatine. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degrade and varies from manufacturer to manufacturer. As the product is a preparation of several substances resistance of the glove material can not be calculated in advance and has therefore to be checked prior t application. Preteration time of glove material can not be calculated in advance and has therefore to be checked prior t application. Preteration time has to be found out by the manufacturer of the protective gloves and has to be severed. Pinformation on basic physical and chemical properties 9.1 Information on basic physical and chemical properties 9.1 Information on basic physical and chemical properties 9.2 Information 9.4 Protection: Yellowish Odour: Characteristic Odour thershold: Not determined. 	- Additional information: "	Γhe lists valid during the making were used as basis.
 Personal protective equipment: General protective and hygienic measures: The usual procautionary measures are to be adhered to when handling chemicals. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work. Do not inhale gases / fumes / aerosols. Avoid contact with the eyes and skin. Respiratory protection: Use suitable respiratory protective device in case of insufficient ventilation. Filter A/P2 Protective gloves prior to each use for their proper condition. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparatine. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degrade and varies from manufacturer to manufacturer. As the product is a preparation of several substances resistance of the glove material can not be calculated in advance and has therefore to be checked prior t application. Penetration time of glove material can not be calculated in advance and has therefore to be checked prior t application. Penetration time has to be found out by the manufacturer of the protective gloves and has to be solver. SECTION 9: Physical and chemical properties 9.1 Information on basic physical and chemical properties General Information Yellowish Odour: Characteristic Odour theshold: Not determined. 	- 8 2 Exposure controls	
 General protective and hygienic measures: The usual precautionary measures are to be adhered to when handling chemicals. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work. Do not inhale gases / fumes / aerosols. Avoid contact with the eyes and skin. Respiratory protection: Use suitable respiratory protective device in case of insufficient ventilation. Filter A/P2 Protection of hands: Protective gloves (EN 374) Check protective gloves prior to each use for their proper condition. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation of the gloves material on consideration of the glove material, but also on further marks of qu and varies from manufacturer to manufacturer. As the product is a preparation of several substances resistance of the glove material can not be calculated in advance and has therefore to be checked prior t application. Penetration time of glove material Protection: Tightly sealed goggles SECTION 9: Physical and chemical properties 9.1 Information on basic physical and chemical properties General Information Fluid Colour: Yellowish Odour: Yellowish 		iment:
The usual precautionary measures are to be adhered to when handling chemicals. Keep away from foodstuffs, beverages and feed. Immediately remove all solled and contaminated clothing Wash hands before breaks and at the end of work. Do not inhale gases / fumes / aerosols. Avoid contact with the eyes and skin. Respiratory protection: Use suitable respiratory protective device in case of insufficient ventilation. Filter A/P2 Protection of hands: Protective gloves (EN 374) Check protective gloves prior to each use for their proper condition. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation. Let extend of doves The selection of the suitable gloves does not only depend on the material, but also on further marks of qu and varies from manufacturer to manufacturer. As the product is a preparation of several substances resistance of the glove material can not be calculated in advance and has therefore to be checked prior t application Prenetation time of glove material The exact break trough time has to be found out by the manufacturer of the protective gloves and has to observed Selection: Tightly sealed goggles SECTION 9: Physical and chemical properties - 9.1 Information on basic physical and chemical properties - 9.1 Information on basic physical and chemical properties - 9.1 Information on basic physical and chemical properties - 9.1 Information - Appearance: Form: Form: Form: Foluid Colour: Yellowish - Odour: Yellowish - Xellowish		
Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work. Do not inhale gases / turnes / aerosols. Avoid contact with the eyes and skin. - Respiratory protection: Use suitable respiratory protective device in case of insufficient ventilation. Filter A/P2 - Protection of hands: Protective gloves prior to each use for their proper condition. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation. Due to missing tests no recommendation to the glove material, but also on further marks of qu and varies from manufacturer to manufacturer. As the product is a preparation of several substances resistance of the glove material can not be calculated in advance and has therefore to be checked prior t application. - Penetration time of glove material The exact break trough time has to be found out by the manufacturer of the protective gloves and has to observed. - Eye protection: Tightly sealed goggles - SECTION 9: Physical and chemical properties - 9.1 Information on basic physical and chemical properties - 9.1 Information - Appearance: Form: Form: Form: Four: Colour: Vellowish - Odour: - Odour threshold: Not determined.		
Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work. Do not inhale gases / fumes / aerosols. Avoid contact with the eyes and skin Respiratory protection: Use suitable respiratory protective device in case of insufficient ventilation. Filter AP2 - Protection of hands: Protective gloves (EN 374) Check protective gloves prior to each use for their proper condition. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparate the chemical mixture. Selection of the suitable gloves does not only depend on the material, but also on further marks of qu and varies from manufacturer to manufacturer. As the product is a preparation of several substances resistance of the glove material can not be calculated in advance and has therefore to be checked prior t application Penetration time of glove material The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be sovered Eye protection: Tightly sealed goggles - Eye protection: Tightly sealed goggles - Eyenration on basic physical and chemical properties - General Information - Appearance: Form: Fluid Colour: Yellowish - Odour: Characteristic - Odour threshold: Not determined.		
Wash hands before breaks and at the end of work. Do not inhale gases / fumes / aerosols. Avoid contact with the eyes and skin. - Respiratory protection: Use suitable respiratory protective device in case of insufficient ventilation. Filter A/P2 - Protection of hands: Protective gloves (EN 374) Check protective gloves prior to each use for their proper condition. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparat the chemical mixture. Selection of the suitable gloves does not only depend on the material, but also on further marks of qu and varies from manufacturer to manufacturer. As the product is a preparation of several substances resistance of the glove material can not be calculated in advance and has therefore to be checked prior t application. - Penetration time of glove material The selection of the suitable gloggles - SECTION 9: Physical and chemical properties - General Information - Appearance: Form: Fuid Colour: Yellowish - Odour: - Odour: - Odour threshold: Not determined.		
Do not inhale gases / fumes / aerosols. Avoid contact with the eyes and skin. • Respiratory protection: Use suitable respiratory protective device in case of insufficient ventilation. Filter A/P2 • Protection of hands: Protective gloves (EN 374) Check protective gloves prior to each use for their proper condition. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the prepara the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degrad: • Material of gloves The selection of the suitable gloves does not only depend on the material, but also on further marks of qu and varies from manufacturer to manufacturer. As the product is a preparation of several substances resistance of the glove material can not be calculated in advance and has therefore to be checked prior t application. • Penetration time of glove material The exact break trough time has to be found out by the manufacturer of the protective gloves and has to observed. • Eye protection: Tightly sealed goggles SECTION 9: Physical and chemical properties • 9.1 Information on basic physical and chemical properties • General Information • Appearance: Form: Fluid Colour: Yellowish • Odour: Characteristic • Odour threshold: Not determined.	•	
Avoid contact with the eyes and skin Respiratory protection: Use suitable respiratory protective device in case of insufficient ventilation Respiratory protection: Filter AP2 - Protection of hands: Protective gloves (EN 374) Check protective gloves prior to each use for their proper condition. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparat the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degrade - Material of gloves The selection of the suitable gloves does not only depend on the material, but also on further marks of qu and varies from manufacturer to manufacturer. As the product is a preparation of several substances resistance of the glove material can not be calculated in advance and has therefore to be checked prior t application Penetration time of glove material The exact break trough time has to be found out by the manufacturer of the protective gloves and has to observed Eye protection: Tightly sealed goggles SECTION 9: Physical and chemical properties - General Information - Appearance: Form: Form: Form: Colour: Yellowish - Odour: Yellowish - Odour: Yellowish - Odour threshold: Not determined.		
 Respiratory protection: Use suitable respiratory protective device in case of insufficient ventilation. Filter A/P2 Protection of hands: Protection of hands: Protective gloves (EN 374) Check protective gloves prior to each use for their proper condition. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparative the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradate. Afterial of gloves The selection of the glove material can not be calculated in advance and has therefore to be checked prior to application. Penetration time of glove material Protective gloves and has the protective gloves and has to be found out by the manufacturer of the protective gloves and has to observed. Eye protection: Tightly sealed goggles Sectrion 9: Physical and chemical properties 9.1 Information on basic physical and chemical properties General Information Appearance:		
Use suitable respiratory protective device in case of insufficient ventilation. Filter A/P2 - Protection of hands: Protective gloves (EN 374) Check protective gloves prior to each use for their proper condition. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the prepara the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degrada - Material of gloves The selection of the suitable gloves does not only depend on the material, but also on further marks of qu and varies from manufacturer to manufacturer. As the product is a preparation of several substances resistance of the glove material can not be calculated in advance and has therefore to be checked prior t application. - Penetration time of glove material The exact break trough time has to be found out by the manufacturer of the protective gloves and has to observed. - Eye protection: Tightly sealed goggles - SECTION 9: Physical and chemical properties - General Information - Appearance: Form: Fluid Colour: - Vellowish - Odour threshold: Not determined.		
Filter A/P2 Protection of hands: Protective gloves (EN 374) Check protective gloves prior to each use for their proper condition. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparat the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degrade - Material of gloves The selection of the suitable gloves does not only depend on the material, but also on further marks of qu and varies from manufacturer to manufacturer. As the product is a preparation of several substances resistance of the glove material can not be calculated in advance and has therefore to be checked prior t application Penetration time of glove material The exact break trough time has to be found out by the manufacturer of the protective gloves and has observed Eye protection: Tightly sealed goggles SECTION 9: Physical and chemical properties - General Information - Appearance: Form: Form: Fluid Colour: Yellowish - Odour: Characteristic Odour threshold: Not determined.		otective device in case of insufficient ventilation
 Protection of hands: Protective gloves (EN 374) Check protective gloves prior to each use for their proper condition. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparate the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degrada - Material of gloves The selection of the suitable gloves does not only depend on the material, but also on further marks of qu and varies from manufacturer to manufacturer. As the product is a preparation of several substances resistance of the glove material can not be calculated in advance and has therefore to be checked prior t application Penetration time of glove material The exact break trough time has to be found out by the manufacturer of the protective gloves and has observed Eye protection: Tightly sealed goggles SECTION 9: Physical and chemical properties - General Information - Appearance: Form: Form: Fluid Colour: Yellowish - Odour: Characteristic - Odour threshold: Not determined. 		
Protective gloves (EN 374) Check protective gloves prior to each use for their proper condition. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the prepara the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degrada - Material of gloves The selection of the suitable gloves does not only depend on the material, but also on further marks of qu and varies from manufacturer to manufacturer. As the product is a preparation of several substances resistance of the glove material can not be calculated in advance and has therefore to be checked prior t application. - Penetration time of glove material The exact break trough time has to be found out by the manufacturer of the protective gloves and has to observed. - Eye protection: Tightly sealed goggles SECTION 9: Physical and chemical properties - 9.1 Information on basic physical and chemical properties - 9.1 Information - Appearance: Form: Form: Form: Fluid Colour: - Vellowish - Odour threshold: Not determined.		
Check protective gloves prior to each use for their proper condition. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the prepara the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degrad: - Material of gloves The selection of the suitable gloves does not only depend on the material, but also on further marks of qu and varies from manufacturer to manufacturer. As the product is a preparation of several substances resistance of the glove material can not be calculated in advance and has therefore to be checked prior t application. - Penetration time of glove material The exact break trough time has to be found out by the manufacturer of the protective gloves and has to observed. - Eye protection: Tightly sealed goggles SECTION 9: Physical and chemical properties - 9.1 Information on basic physical and chemical properties - 9.1 Information - Appearance: Form: Form: Fluid Colour: - Odour: - Odour: - Odour threshold: Not determined.		
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparat the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degrade - Material of gloves The selection of the suitable gloves does not only depend on the material, but also on further marks of qu and varies from manufacturer to manufacturer. As the product is a preparation of several substances resistance of the glove material can not be calculated in advance and has therefore to be checked prior t application. - Penetration time of glove material The exact break trough time has to be found out by the manufacturer of the protective gloves and has to observed. - Eye protection: Tightly sealed goggles - SECTION 9: Physical and chemical properties - 9.1 Information on basic physical and chemical properties - General Information - Appearance: Form: Form: Form: Form: Colour: - Odour: - Odour: - Odour threshold: Not determined.		
Due to missing tests no recommendation to the glove material can be given for the product/ the prepara the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degrada - Material of gloves The selection of the suitable gloves does not only depend on the material, but also on further marks of qu and varies from manufacturer to manufacturer. As the product is a preparation of several substances resistance of the glove material can not be calculated in advance and has therefore to be checked prior t application. - Penetration time of glove material The exact break trough time has to be found out by the manufacturer of the protective gloves and has to observed. - Eye protection: Tightly sealed goggles SECTION 9: Physical and chemical properties - General Information - Appearance: Form: Form: Colour: - Odour: - Odour: - Odour threshold: Not determined.		
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degrada - Material of gloves The selection of the suitable gloves does not only depend on the material, but also on further marks of qu and varies from manufacturer to manufacturer. As the product is a preparation of several substances resistance of the glove material can not be calculated in advance and has therefore to be checked prior t application. - Penetration time of glove material The exact break trough time has to be found out by the manufacturer of the protective gloves and has to observed. - Eye protection: Tightly sealed goggles SECTION 9: Physical and chemical properties - 9.1 Information on basic physical and chemical properties - General Information - Appearance: Form: Fluid Colour: - Odour: - Odour: - Odour threshold: Not determined.	Due to missing tests no re	
 Material of gloves The selection of the suitable gloves does not only depend on the material, but also on further marks of qu and varies from manufacturer to manufacturer. As the product is a preparation of several substances resistance of the glove material can not be calculated in advance and has therefore to be checked prior t application. Penetration time of glove material The exact break trough time has to be found out by the manufacturer of the protective gloves and has to observed. Eye protection: Tightly sealed goggles SECTION 9: Physical and chemical properties - 9.1 Information on basic physical and chemical properties - General Information - Appearance: Form: Fluid Colour: Yellowish - Odour threshold: Not determined. 		
The selection of the suitable gloves does not only depend on the material, but also on further marks of qu and varies from manufacturer to manufacturer. As the product is a preparation of several substances resistance of the glove material can not be calculated in advance and has therefore to be checked prior t application. - Penetration time of glove material The exact break trough time has to be found out by the manufacturer of the protective gloves and has observed. - Eye protection: Tightly sealed goggles SECTION 9: Physical and chemical properties - 9.1 Information on basic physical and chemical properties - General Information - Appearance: Form: Form: Colour: - Odour: - Odour: - Odour: - Odour: - Odour threshold: Not determined.		rial on consideration of the penetration times, rates of diffusion and the degradat
and varies from manufacturer to manufacturer. As the product is a preparation of several substances resistance of the glove material can not be calculated in advance and has therefore to be checked prior t application Penetration time of glove material The exact break trough time has to be found out by the manufacturer of the protective gloves and has robserved Eye protection: Tightly sealed goggles SECTION 9: Physical and chemical properties - 9.1 Information on basic physical and chemical properties - 9.1 Information on basic physical and chemical properties - General Information - Appearance: Form: Fluid Colour: Yellowish - Odour: Characteristic - Odour threshold: Not determined.		
resistance of the glove material can not be calculated in advance and has therefore to be checked prior t application. - Penetration time of glove material The exact break trough time has to be found out by the manufacturer of the protective gloves and has observed. - Eye protection: Tightly sealed goggles SECTION 9: Physical and chemical properties - 9.1 Information on basic physical and chemical properties - General Information - Appearance: Form: Form: Form: Colour: - Yellowish - Odour threshold: Not determined.		
application Penetration time of glove material The exact break trough time has to be found out by the manufacturer of the protective gloves and has robserved Eye protection: Tightly sealed goggles SECTION 9: Physical and chemical properties - 9.1 Information on basic physical and chemical properties - 9.1 Information on basic physical and chemical properties - General Information - Appearance: Form: Fluid Colour: Yellowish - Odour: Characteristic - Odour threshold: Not determined.		
 Penetration time of glove material The exact break trough time has to be found out by the manufacturer of the protective gloves and has robserved. Eye protection: Tightly sealed goggles SECTION 9: Physical and chemical properties 9.1 Information on basic physical and chemical properties General Information - Appearance: Form: Colour: Yellowish Odour: Odour: Odour threshold: 		terial can not be calculated in advance and has therefore to be checked prior to
The exact break trough time has to be found out by the manufacturer of the protective gloves and has a observed Eye protection: Tightly sealed goggles SECTION 9: Physical and chemical properties - 9.1 Information on basic physical and chemical properties - General Information - Appearance: Form: Fluid Colour: Yellowish - Odour: Characteristic - Odour threshold: Not determined.		
observed. - Eye protection: Tightly sealed goggles SECTION 9: Physical and chemical properties - 9.1 Information on basic physical and chemical properties - General Information - Appearance: Form: Fluid Colour: Yellowish - Odour: Characteristic - Odour threshold: Not determined.		
- Eye protection: Tightly sealed goggles SECTION 9: Physical and chemical properties - 9.1 Information on basic physical and chemical properties - General Information - Appearance: Form: Fluid Colour: Yellowish - Odour: Characteristic - Odour threshold: Not determined.		ne has to be found out by the manufacturer of the protective gloves and has to
SECTION 9: Physical and chemical properties - 9.1 Information on basic physical and chemical properties - General Information - Appearance: Form: Fluid Colour: Yellowish - Odour: Characteristic - Odour threshold: Not determined.		
 9.1 Information on basic physical and chemical properties - General Information - Appearance: Form: Fluid Colour: Yellowish - Odour: - Odour: - Odour threshold: 	- Eye protection: Tightly se	aled goggles
 9.1 Information on basic physical and chemical properties - General Information - Appearance: Form: Fluid Colour: Yellowish - Odour: - Odour: - Odour threshold: 		
- General Information - Appearance: Form: Fluid Colour: Yellowish - Odour: Characteristic - Odour threshold: Not determined.	SECTION 9: Physica	al and chemical properties
- Appearance: Fluid Form: Fluid Colour: Yellowish - Odour: Characteristic - Odour threshold: Not determined.		physical and chemical properties
Form:FluidColour:Yellowish- Odour:Characteristic- Odour threshold:Not determined.		
Colour:Yellowish- Odour:Characteristic- Odour threshold:Not determined.		
- Odour: Characteristic - Odour threshold: Not determined.	Former	
- Odour threshold: Not determined.	гогш:	Yellowish
nH_value. Not determined	Colour:	Characteristic
	Colour: - Odour:	

(Contd. on page 6)

Printing date 01.06.2020

Version number 3

Revision: 01.06.2020

Trade name: ergo 1318 - Component A ergo 1320

		(Contd. of page 5
- Change in condition Melting point/freezing point: Initial boiling point and boiling range	Undetermined. : > 35 °C	
- Flash point:	>100 °C	
- Flammability (solid, gas):	Not applicable.	
- Decomposition temperature:	Not determined.	
- Auto-ignition temperature:	Product is not self-igniting.	
- Explosive properties:	Product does not present an explosion hazard.	
- Explosion limits:		
Lower:	Not determined.	
Upper:	Not determined.	
 Oxidising properties 	Not determined.	
- Vapour pressure:	Not determined.	
- Density:	Not determined.	
- Relative density	Not determined.	
- Vapour density	Not determined.	
- Evaporation rate	Not determined.	
- Solubility in / Miscibility with		
water:	Not miscible or difficult to mix.	
- Partition coefficient: n-octanol/water:	Not determined.	
- Viscosity:		
Dynamic:	Not determined.	
Kinematic:	Not determined.	
- 9.2 Other information	No further relevant information available.	

SECTION 10: Stability and reactivity

- 10.1 Reactivity No further relevant information available.

- 10.2 Chemical stability

*

- Thermal decomposition / conditions to be avoided: Protect from heat and direct sunlight.
- 10.3 Possibility of hazardous reactions Exothermic polymerisation.
- 10.4 Conditions to avoid No further relevant information available.
- 10.5 Incompatible materials: No further relevant information available.
- 10.6 Hazardous decomposition products:

No dangerous products of decomposition if used and stored according to specifications.

SECTION 11: Toxicological information

- 11.1 Information on toxicological effects
- Acute toxicity Based on available data, the classification criteria are not met.

_	ficule to	Meny Bus		
Γ	- LD/LC5	0 values r	elevant for classification:	
ſ	868-77-9	2-hydrox	yethyl methacrylate	
ſ	Oral	LD50	5,050 mg/kg (Rat, male/female)	
	Dermal	LD50	3,000 mg/kg (Rabbit)	
Γ	10595-00	6-9 2-pher	oxyethyl methacrylate	
Γ	Oral	LD50	5,050 mg/kg (Rat, male/female)	
		•	·	(Contd. on page 7)

DEGEN

*

Version number 3

Revision: 01.06.2020

Trade name: ergo 1318 - Component A ergo 1320

00 15 0	a dim 4	ulhongul huduonououido	
	•	ylbenzyl hydroperoxide	
Oral		382 mg/kg (Rat, male/female)	
Dermal		500 mg/kg (Rat, male/female)	
		220 mg/l (Rat, male/female)	
79-41-4 m			
Oral	LD50	1,320 - 2,260 mg/kg (Rat, male/female)	
Dermal	LD50	500 - 1,000 mg/kg (Rabbit)	
Inhalative	LC50/4 h	7,100 mg/l (Rat, male/female)	
May cause - Additiona No experir - CMR effe Repr. 2 - Germ cell	ve damage/ ious eye da ry or skin an allergic l toxicolog mentally fo cts (carcin mutagenie	/irritation	
- Reproduc Suspected - STOT-sin - STOT-rep - Aspiration	tive toxicit of damagir gle exposu beated expo n hazard B		
 Reproduc Suspected STOT-sin STOT-rep Aspiration SECTIC 12.1 Toxic Aquatic to Toxicity to 	tive toxicit of damagir gle exposu beated expo- n hazard B DN 12: Ed Sity paricity: No o fish:	ty ng the unborn child. Ire Based on available data, the classification criteria are not met. osure Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Cological information	
- Reproduc Suspected - STOT-sin - STOT-rep - Aspiration SECTIC - 12.1 Toxic - Aquatic to - Toxicity to 868-77-9 2	tive toxicit of damagir gle exposu beated expo- n hazard B DN 12: Ed Sity DN 12: No o fish: 2-hydroxye	ty ng the unborn child. rre Based on available data, the classification criteria are not met. osure Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Cological information o further relevant information available. ethyl methacrylate	
 Reproduc Suspected STOT-sin STOT-rep Aspiration SECTIC 12.1 Toxic Aquatic to Toxicity to 868-77-9 2 LC50/96 h 12.2 Persis 12.3 Bioac 12.4 Mobi Ecotoxical 	tive toxicit of damagir gle exposu beated expo- n hazard B DN 12: Ed DN 12: Ed DN 12: Ed DN 12: A DN 12: Ed DN 12: E	ty ng the unborn child. ure Based on available data, the classification criteria are not met. osure Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Cological information o further relevant information available. ethyl methacrylate Pag/l (Pimephales promelas) I degradability No further relevant information available. ve potential No further relevant information available. No further relevant information available.	
 Reproduc Suspected STOT-sin STOT-rep Aspiration SECTIC 12.1 Toxic Aquatic to Toxicity to 868-77-9 2 LC50/96 h 12.2 Persis 12.3 Bioaco 12.4 Mobi Ecotoxical Remark: 1 	tive toxicit of damagir gle exposu beated expo- n hazard B DN 12: Ed DN 12:	ty ng the unborn child. Irre Based on available data, the classification criteria are not met. osure Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Cological information o further relevant information available. ethyl methacrylate Performation (Pimephales promelas) I degradability No further relevant information available. re potential No further relevant information available. No further relevant information available. Sum (Pimephales promelas) I degradability No further relevant information available. Sum (Pimephales prometas) I degradability No further relevant information available. Sum (Pimephales prometas)	
 Reproduc Suspected STOT-sin STOT-rep Aspiration SECTIC 12.1 Toxic Aquatic to Toxicity to 868-77-9 2 LC50/96 h 12.2 Persis 12.3 Bioaco 12.4 Mobi Ecotoxical Remark: I Additiona 	tive toxicit of damagir gle exposu beated expo- n hazard B DN 12: Ed DN 12: Ed DN 12: Ed DN 12: ed city pxicity: No o fish: 2-hydroxyc 213 - 242 stence and ccumulativ dity in soil l effects: Harmful to l ecologica	ty ng the unborn child. ure Based on available data, the classification criteria are not met. osure Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Cological information o further relevant information available. ethyl methacrylate Pag/l (Pimephales promelas) I degradability No further relevant information available. ve potential No further relevant information available. No further relevant information available.	
 Reproduc Suspected STOT-sin STOT-rep Aspiration SECTIC 12.1 Toxic Aquatic to Toxicity to 868-77-9 2 LC50/96 h 12.2 Persis 12.3 Bioaco 12.4 Mobi Ecotoxical Remark: I Additiona General n 	tive toxicit of damagir gle exposu beated expo- n hazard B DN 12: Ed DN 12:	ty ng the unborn child. rre Based on available data, the classification criteria are not met. osure Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Cological information o further relevant information available. ethyl methacrylate e mg/l (Pimephales promelas) I degradability No further relevant information available. re potential No further relevant information available. No further relevant information available. I fish al information:	
 Reproduc Suspected STOT-sin STOT-rep Aspiration SECTIC 12.1 Toxic Aquatic to Toxicity to 868-77-9 2 LC50/96 h 12.2 Persis 12.3 Bioaco 12.4 Mobi Ecotoxical Remark: I Additiona General n Harmful to 	tive toxicit of damagir gle exposu beated expo- n hazard B DN 12: Ed DN 12:	ty ng the unborn child. rre Based on available data, the classification criteria are not met. osure Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Cological information o further relevant information available. ethyl methacrylate e mg/l (Pimephales promelas) I degradability No further relevant information available. re potential No further relevant information available. No further relevant information available. I fish al information:	
 Reproduc Suspected STOT-sin STOT-rep Aspiration SECTIC 12.1 Toxic Aquatic to Toxicity to 868-77-9 2 LC50/96 h 12.2 Persia 12.3 Bioac 12.4 Mobi Ecotoxical Remark: I Additiona General n Harmful to Water haza 	tive toxicit of damagir gle exposu beated expo- n hazard B DN 12: Ed DN 12:	ty ng the unborn child. rre Based on available data, the classification criteria are not met. osure Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Cological information o further relevant information available. The transmission of the transmission of transmission of the transmission of	
 Reproduc Suspected STOT-sin STOT-rep Aspiration SECTIC 12.1 Toxic Aquatic to Toxicity to 868-77-9 2 LC50/96 h 12.2 Persis 12.3 Bioac 12.4 Mobi Ecotoxical Remark: I Additiona General n Harmful to Water haza Danger to Do not allo 	tive toxicit of damagir gle exposu beated expo- n hazard B DN 12: Ed Sity DN 12:	ty ng the unborn child. The Based on available data, the classification criteria are not met. Tosure Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available. Based on availabl	
 Reproduc Suspected STOT-sin STOT-rep Aspiration SECTIC 12.1 Toxic Aquatic to Toxicity to 868-77-9 2 LC50/96 h 12.2 Persis 12.3 Bioac 12.4 Mobi Ecotoxical Remark: I Additiona General n Harmful to Water haza Danger to Do not allo 12.5 Result 	tive toxicit of damagir gle exposu beated expo- n hazard B DN 12: Ed Sity DN 12:	ty ng the unborn child. The Based on available data, the classification criteria are not met. Tosure Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available. Based on available data, the classification available. Based on available data, the data data data data data data data dat	
 Reproduc Suspected STOT-rep STOT-rep Aspiration SECTIC 12.1 Toxic Aquatic to Toxicity to 868-77-9 2 LC50/96 h 12.2 Persia 12.3 Bioac 12.4 Mobia Ecotoxical Remark: Ia Additiona General na Harmful to Water haza Danger to Do not allo 12.5 Result PBT: Not 	tive toxicit of damagir gle exposu beated expo- n hazard B DN 12: Ed city particity: No o fish: 2-hydroxyd 213 - 242 stence and cumulativ dity in soil l effects: Harmful to l ecologica o aquatic or ard class 2 drinking w pw product tts of PBT applicable.	ty ng the unborn child. Tre Based on available data, the classification criteria are not met. Osure Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available. Based on available promelas) I degradability No further relevant information available. No further relevant information available. No further relevant information available. Segnisms (German Regulation) (Self-assessment): hazardous for water ater if even small quantities leak into the ground. It to reach ground water, water course or undiluted sewage system. and vPvB assessment	
 Reproduc Suspected STOT-sin STOT-rep Aspiration SECTIC 12.1 Toxic Aquatic to Toxicity to 868-77-9 2 LC50/96 h 12.2 Persisisisis 12.3 Bioac 12.4 Mobisisis Ecotoxical Remark: I Additiona General n Harmful to Water haza Danger to Do not allo 12.5 Resul PBT: Not vPvB: Not 	tive toxicit of damagir gle exposu beated expo- n hazard B DN 12: Ed city pxicity: No o fish: 2-hydroxyd 213 - 242 stence and cumulativ dity in soil l effects: Harmful to l ecologica otes: o aquatic or ard class 2 drinking w pw product tts of PBT applicable. t applicable.	ty ng the unborn child. Tre Based on available data, the classification criteria are not met. Osure Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available. Based on available promelas) I degradability No further relevant information available. No further relevant information available. No further relevant information available. Segnisms (German Regulation) (Self-assessment): hazardous for water ater if even small quantities leak into the ground. It to reach ground water, water course or undiluted sewage system. and vPvB assessment	

(Contd. on page 8)

Printing date 01.06.2020

Version number 3

Revision: 01.06.2020

Trade name: ergo 1318 - Component A ergo 1320

(Contd. of page 7)

SECTION 13: Disposal considerations

- 13.1 Waste treatment methods

- **Recommendation** Disposal must be made according to official regulations.

- Uncleaned packaging:

*

- Recommendation: Disposal must be made according to official regulations.

- 14.1 UN-Number - ADR, IMDG, IATA	UN3082
- 14.2 UN proper shipping name - ADR	3082 ENVIRONMENTALLY HAZARDOU
	SUBSTANCE, LIQUID, N.O.S. (2-phenoxyethy
	methacrylate)
IMDG	ENVIRONMENTALLY HAZARDOUS SUBSTANCE
	LIQUID, N.O.S. (2-phenoxyethyl methacrylate, cumen
	hydroperoxide), MARINE POLLUTANT
IATA	ENVIRONMENTALLY HAZARDOUS SUBSTANCE
	LIQUID, N.O.S. (2-phenoxyethyl methacrylate)
14.3 Transport hazard class(es)	
ADR	
- Class	9 (M6) Miscellaneous dangerous substances and articles.
Label	9
Class	9 Miscellaneous dangerous substances and articles.
Label	9
14.4 Packing group	
- ADR, IMDG, IATA	III
- 14.5 Environmental hazards:	Product contains environmentally hazardous substances
Marine pollutant:	2-phenoxyethyl methacrylate Symbol (fish and tree)
	Symbol (fish and tree)
- Special marking (ADR): - Special marking (IATA):	Symbol (fish and tree)
- Special marking (ADR):	Symbol (fish and tree)
- Special marking (ADR): - Special marking (IATA): - 14.6 Special precautions for user	Symbol (fish and tree) Warning: Miscellaneous dangerous substances an articles.
 Special marking (ADR): Special marking (IATA): 14.6 Special precautions for user Hazard identification number (Kemler code): 	Symbol (fish and tree) Warning: Miscellaneous dangerous substances an articles. 90
- Special marking (ADR): - Special marking (IATA): - 14.6 Special precautions for user	Symbol (fish and tree) Warning: Miscellaneous dangerous substances an articles.

Printing date 01.06.2020

Version number 3

Revision: 01.06.2020

Trade name: ergo 1318 - Component A ergo 1320

14.7 Transport in bulk according to Anne Marpol and the IBC Code	x II of Not applicable.
-	**
Transport/Additional information:	ADR: SV375 IMDG-Code: 2.10.2.7
	IATA-DGR: A197 (375)
	IATA-DOK. A177 (373)
ADR	
Limited quantities (LQ)	5L
Excepted quantities (EQ)	Code: E1
	Maximum net quantity per inner packaging: 30 ml
Then an entraction	Maximum net quantity per outer packaging: 1000 ml
Transport category Tunnel restriction code	3
Remarks:	SV375:
Kellial KS.	Diese Stoffe unterliegen, wenn sie in Einzelverpackung
	oder zusammengesetzten Verpackungen mit ein
	Nettomenge von höchstens 5 l flüssiger Stoffe oder ein
	Nettomasse von höchstens 5 kg fester Stoffe je Einz
	oder Innenverpackung befördert werden, nicht d
	übrigen Vorschriften des ADR/RID, vorausgesetzt, o
	Verpackungen entsprechen den allgemeinen Vorschrift
	der Unterabschnitte 4.1.1.1, 4.1.1.2 und 4.1.1.4 h
	4.1.1.8.
IMDG	
Limited quantities (LQ)	5L
Excepted quantities (EQ)	Code: E1
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 1000 ml
Remarks:	2.10.2.7:
	Meeresschadstoffe in Einzelverpackungen od
	zusammengesetzten Verpackungen mit einer Nettomen
	je Einzel- oder Innenverpackung von höchstens 5 L b
	Flüssigkeiten oder einer Nettomasse je Einzel- od
	Innenverpackung von höchstens 5 kg bei festen Stoff
	unterliegen keinen anderen auf Meeresschadstof anwendbaren Vorschriften dieses Codes, sofern d
	Verpackungen die allgemeinen Vorschriften in 4.1.1.
	4.1.1.2 und 4.1.1.4 bis 4.1.1.8 erfüllen. Im Falle vo
	Meeresschadstoffen, die auch die Kriterien für d
	Aufnahme in eine andere Klasse erfüllen, finden al
	Vorschriften dieses Codes, die für etwaige weite
	Gefahren gelten, weiterhin Anwendung.
ΙΑΤΑ	
Remarks:	A 197 (375):
AVIIIII AJ.	These substances when transported in single
	combination packagings containing a net quantity p
	single or inner packaging of 5 L or less for liquids
	having a net mass of 5 kg or less for solids, are not subje
	to any other provisions of these Regulations provided t
	packagings meet the general provisions of 5.0.2.4.
	5.0.2.6.1.1 and 5.0.2.8.

Printing date 01.06.2020

Version number 3

Revision: 01.06.2020

Trade name: ergo 1318 - Component A ergo 1320

(Contd. of page 9)

- UN "Model Regulation":

UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2-PHENOXYETHYL METHACRYLATE), 9, III

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture - REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

- National regulations:

- Waterhazard class: Water hazard class 2 (Self-assessment): hazardous for water.
- 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.
- *

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- Relevant phrases

- H227 Combustible liquid.
- H242 Heating may cause a fire.
- H302 Harmful if swallowed.
- H311 Toxic in contact with skin.
- H312 Harmful in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H331 Toxic if inhaled.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.
- H361d Suspected of damaging the unborn child.
- H373 May cause damage to organs through prolonged or repeated exposure.
- H410 Very toxic to aquatic life with long lasting effects.
- H411 Toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.
- H413 May cause long lasting harmful effects to aquatic life.

- Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

- IATA: International Air Transport Association
- GHS: Globally Harmonised System of Classification and Labelling of Chemicals
- EINECS: European Inventory of Existing Commercial Chemical Substances
- ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- Flam. Liq. 4: Flammable liquids Category 4
- Org. Perox. E: Organic peroxides Type E/F Acute Tox. 4: Acute toxicity - oral – Category 4
- Acute Tox. 3: Acute toxicity inhalation Category 3
- Skin Corr. 1A: Skin corrosion/irritation Category 1A
- Skin Corr. 1B: Skin corrosion/irritation Category 1B
- Skin Irrit. 2: Skin corrosion/irritation Category 2
- Eye Dam. 1: Serious eye damage/eye irritation Category 1 Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

(Contd. on page 11)

DEGEN

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 01.06.2020

Version number 3

Revision: 01.06.2020

Trade name: ergo 1318 - Component A ergo 1320

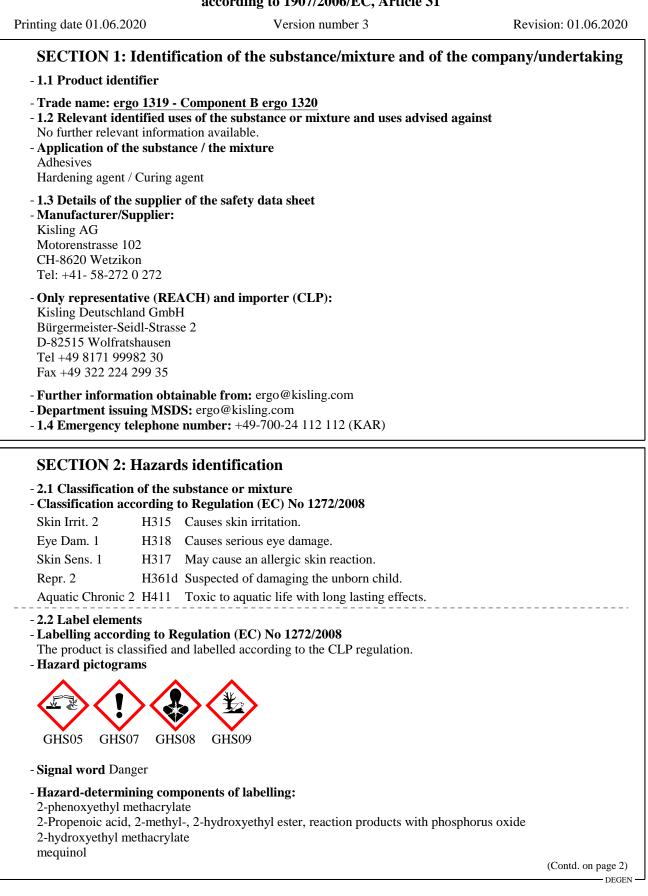
	(Contd. of page 10)
Skin Sens. 1: Skin sensitisation – Category 1	
Skin Sens. 1A: Skin sensitisation – Category 1A	
Repr. 2: Reproductive toxicity – Category 2	
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3	
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2	
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard - Category 1	
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2	
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3	
Aquatic Chronic 4: Hazardous to the aquatic environment - long-term aquatic hazard – Category 4	
- * Data compared to the previous version altered.	



Page 1/10

Safety data sheet

according to 1907/2006/EC, Article 31



*

Version number 3

Revision: 01.06.2020

Trade name: ergo 1319 - Component B ergo 1320

	(Contd. of page 1
- Hazard statem	
H315 Causes	
H318 Causes	serious eye damage.
H317 May car	use an allergic skin reaction.
H361d Suspect	ed of damaging the unborn child.
H411 Toxic to	aquatic life with long lasting effects.
- Precautionary	
P261	Avoid breathing vapours.
P280	Wear protective gloves / eye protection.
	338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, i
100011001110	present and easy to do. Continue rinsing.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P310	Immediately call a POISON CENTER/doctor.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P355+P515	
- Hazard pictog	ackages where the contents do not exceed 125 ml rams
GHS05 GH	S07 GHS08 GHS09
- Signal word D	anger
- Signal word D - Hazard-deterr 2-phenoxyethyl 2-Propenoic ac 2-hydroxyethyl	anger nining components of labelling: I methacrylate id, 2-methyl-, 2-hydroxyethyl ester, reaction products with phosphorus oxide
 Signal word D Hazard-deterr 2-phenoxyethyl 2-Propenoic ac 2-hydroxyethyl mequinol 	anger nining components of labelling: I methacrylate id, 2-methyl-, 2-hydroxyethyl ester, reaction products with phosphorus oxide methacrylate
 Signal word D Hazard-deterr 2-phenoxyethyl 2-Propenoic ac 2-hydroxyethyl mequinol Hazard statem 	anger nining components of labelling: I methacrylate id, 2-methyl-, 2-hydroxyethyl ester, reaction products with phosphorus oxide methacrylate nents
 Signal word D Hazard-deterr 2-phenoxyethyl 2-Propenoic ac 2-hydroxyethyl mequinol Hazard staten H318 Causes 	anger nining components of labelling: I methacrylate id, 2-methyl-, 2-hydroxyethyl ester, reaction products with phosphorus oxide methacrylate nents serious eye damage.
 Signal word D Hazard-deterr 2-phenoxyethyl 2-Propenoic ac 2-hydroxyethyl mequinol Hazard staten H318 Causes 	anger nining components of labelling: I methacrylate id, 2-methyl-, 2-hydroxyethyl ester, reaction products with phosphorus oxide methacrylate nents
 Signal word D Hazard-deterr 2-phenoxyethyl 2-Propenoic ac 2-hydroxyethyl mequinol Hazard statem H318 Causes H317 May caus 	anger nining components of labelling: I methacrylate id, 2-methyl-, 2-hydroxyethyl ester, reaction products with phosphorus oxide methacrylate nents serious eye damage.
 Signal word D Hazard-deterr 2-phenoxyethyl 2-Propenoic ac 2-hydroxyethyl mequinol Hazard statem H318 Causes H317 May cau H361d Suspect 	anger nining components of labelling: I methacrylate id, 2-methyl-, 2-hydroxyethyl ester, reaction products with phosphorus oxide methacrylate nents serious eye damage. use an allergic skin reaction. ed of damaging the unborn child.
 Signal word D Hazard-deterr 2-phenoxyethyl 2-Propenoic ac 2-hydroxyethyl mequinol Hazard statem H318 Causes H317 May caus 	anger nining components of labelling: I methacrylate id, 2-methyl-, 2-hydroxyethyl ester, reaction products with phosphorus oxide methacrylate nents serious eye damage. use an allergic skin reaction. ed of damaging the unborn child. statements
 Signal word D Hazard-deterr 2-phenoxyethyl 2-Propenoic ac 2-hydroxyethyl mequinol Hazard statem H318 Causes H317 May car H361d Suspect Precautionary P261 	anger nining components of labelling: I methacrylate id, 2-methyl-, 2-hydroxyethyl ester, reaction products with phosphorus oxide methacrylate nents serious eye damage. use an allergic skin reaction. ed of damaging the unborn child. statements Avoid breathing vapours.
 Signal word D Hazard-deterr 2-phenoxyethyl 2-Propenoic ac 2-hydroxyethyl mequinol Hazard staten H318 Causes H317 May cau H361d Suspect Precautionary P261 P280 	anger mining components of labelling: I methacrylate id, 2-methyl-, 2-hydroxyethyl ester, reaction products with phosphorus oxide methacrylate ments serious eye damage. use an allergic skin reaction. ed of damaging the unborn child. statements Avoid breathing vapours. Wear protective gloves / eye protection. 338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, i
 Signal word D Hazard-deterr 2-phenoxyethyl 2-Propenoic ac 2-hydroxyethyl mequinol Hazard staten H318 Causes H317 May cau H361d Suspect Precautionary P261 P280 	anger mining components of labelling: I methacrylate id, 2-methyl-, 2-hydroxyethyl ester, reaction products with phosphorus oxide methacrylate ments serious eye damage. use an allergic skin reaction. ed of damaging the unborn child. statements Avoid breathing vapours. Wear protective gloves / eye protection. 338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, i
 Signal word D Hazard-deterr 2-phenoxyethyl 2-Propenoic ac 2-hydroxyethyl mequinol Hazard staten H318 Causes H317 May cau H361d Suspect Precautionary P261 P280 	anger mining components of labelling: I methacrylate id, 2-methyl-, 2-hydroxyethyl ester, reaction products with phosphorus oxide methacrylate methacrylate nents serious eye damage. use an allergic skin reaction. ed of damaging the unborn child. statements Avoid breathing vapours. Wear protective gloves / eye protection. 338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, i present and easy to do. Continue rinsing.
 Signal word D Hazard-deterr 2-phenoxyethyl 2-Propenoic ac 2-hydroxyethyl mequinol Hazard statem H318 Causes H317 May cau H361d Suspect Precautionary P261 P280 P305+P351+P3 P308+P313 	anger mining components of labelling: I methacrylate id, 2-methyl-, 2-hydroxyethyl ester, reaction products with phosphorus oxide methacrylate nents serious eye damage. use an allergic skin reaction. ed of damaging the unborn child. statements Avoid breathing vapours. Wear protective gloves / eye protection. 338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, i present and easy to do. Continue rinsing. IF exposed or concerned: Get medical advice/attention.
 Signal word D Hazard-deterr 2-phenoxyethyl 2-Propenoic ac 2-hydroxyethyl mequinol Hazard statem H318 Causes H317 May cau H361d Suspect Precautionary P261 P280 P305+P351+P35 	anger mining components of labelling: I methacrylate id, 2-methyl-, 2-hydroxyethyl ester, reaction products with phosphorus oxide methacrylate methacrylate nents serious eye damage. use an allergic skin reaction. ed of damaging the unborn child. statements Avoid breathing vapours. Wear protective gloves / eye protection. 338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, i present and easy to do. Continue rinsing.
 Signal word D Hazard-deterr 2-phenoxyethyl 2-Propenoic ac 2-hydroxyethyl mequinol Hazard statem H318 Causes H317 May cau H361d Suspect Precautionary P261 P280 P305+P351+P3 P308+P313 P310 P333+P313 	anger nining components of labelling: I methacrylate id, 2-methyl-, 2-hydroxyethyl ester, reaction products with phosphorus oxide methacrylate nents serious eye damage. use an allergic skin reaction. ed of damaging the unborn child. statements Avoid breathing vapours. Wear protective gloves / eye protection. 338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, i present and easy to do. Continue rinsing. IF exposed or concerned: Get medical advice/attention. Immediately call a POISON CENTER/doctor. If skin irritation or rash occurs: Get medical advice/attention.
 Signal word D Hazard-deterr 2-phenoxyethyl 2-Propenoic ac 2-hydroxyethyl mequinol Hazard statem H318 Causes H317 May cau H361d Suspect Precautionary P261 P280 P305+P351+P3 P308+P313 P310 P333+P313 2.3 Other haza 	anger mining components of labelling: I methacrylate id, 2-methyl-, 2-hydroxyethyl ester, reaction products with phosphorus oxide methacrylate methacrylate meths serious eye damage. use an allergic skin reaction. ed of damaging the unborn child. statements Avoid breathing vapours. Wear protective gloves / eye protection. 338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, i present and easy to do. Continue rinsing. IF exposed or concerned: Get medical advice/attention. Immediately call a POISON CENTER/doctor. If skin irritation or rash occurs: Get medical advice/attention. mrds
 Signal word D Hazard-deterr 2-phenoxyethyl 2-Propenoic ac 2-hydroxyethyl mequinol Hazard statem H318 Causes H317 May cau H361d Suspect Precautionary P261 P280 P305+P351+P3 P308+P313 P310 P333+P313 2.3 Other haza Results of PBT 	anger nining components of labelling: I methacrylate id, 2-methyl-, 2-hydroxyethyl ester, reaction products with phosphorus oxide methacrylate nents serious eye damage. use an allergic skin reaction. ed of damaging the unborn child. statements Avoid breathing vapours. Wear protective gloves / eye protection. 338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, i present and easy to do. Continue rinsing. IF exposed or concerned: Get medical advice/attention. Immediately call a POISON CENTER/doctor. If skin irritation or rash occurs: Get medical advice/attention. ards F and vPvB assessment
 Signal word D Hazard-deterr 2-phenoxyethyl 2-Propenoic ac 2-hydroxyethyl mequinol Hazard statem H318 Causes H317 May cau H361d Suspect Precautionary P261 P280 P305+P351+P3 P308+P313 P310 P333+P313 2.3 Other haza 	anger mining components of labelling: I methacrylate id, 2-methyl-, 2-hydroxyethyl ester, reaction products with phosphorus oxide methacrylate ments serious eye damage. use an allergic skin reaction. ed of damaging the unborn child. statements Avoid breathing vapours. Wear protective gloves / eye protection. 338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, i present and easy to do. Continue rinsing. IF exposed or concerned: Get medical advice/attention. Immediately call a POISON CENTER/doctor. If skin irritation or rash occurs: Get medical advice/attention. mrds T and vPvB assessment icable.

*

- **3.2 Mixtures** - **Description:** Adhesive

- Dangerous components:		
	2-hydroxyethyl methacrylate Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	> 30 - ≤ 50%
		(Contd. on page 3)

- DEGEN -

Printing date 01.06.2020

Version number 3

Revision: 01.06.2020

Trade name: ergo 1319 - Component B ergo 1320

		(Contd. of page 2
CAS: 10595-06-9	2-phenoxyethyl methacrylate	≥ 25 - ≤ 30%
EINECS: 234-201-1	Repr. 2, H361d; Aquatic Chronic 2, H411; Skin Sens.	
Reg.nr.: 01-2120752383-55-xxxx	1A, H317	
CAS: 41637-38-1	Ethoxylated Bisphenol-A Dimethacrylate	> 5 - ≤ 15%
EC number: 609-946-4	Aquatic Chronic 4, H413	
CAS: 1187441-10-6	2-Propenoic acid, 2-methyl-, 2-hydroxyethyl ester,	≥ 3 - ≤ 5%
EC number: 810-703-1	reaction products with phosphorus oxide	
Reg.nr.: 01-2120140608-57-xxxx	Eye Dam. 1, H318; Skin Sens. 1B, H317	
CAS: 150-76-5	mequinol	≥ 0.1 - < 1%
EINECS: 205-769-8	Repr. 2, H361d; Acute Tox. 4, H302; Eye Irrit. 2,	
Index number: 604-044-00-7	H319; Skin Sens. 1, H317; Aquatic Chronic 3, H412	
CAS: 99-97-8	N,N-dimethyl-p-toluidine	≥ 0.1 - ≤ 1%
EINECS: 202-805-4	Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox.	
Index number: 612-056-00-9	2, H330; Carc. 2, H351; STOT RE 2, H373; Flam.	
	Liq. 4, H227; Aquatic Chronic 3, H412	
CAS: 92-84-2	phenothiazine	≥ 0.1 - < 1%
EINECS: 202-196-5	STOT RE 2, H373; Acute Tox. 4, H302; Skin Sens. 1,	
	H317; Aquatic Chronic 3, H412	
CAS: 26741-53-7	3,9-Bis(2,4-di-tertbutyl phenoxy)-2,4,8,10.tetroxa-	≥ 0.025 - < 0.25%
	3,9-diphosphaspiro[5.5]undecane	
	Aquatic Chronic 1, H410	

SECTION 4: First aid measures

- 4.1 Description of first aid measures

- General information: Immediately remove any clothing soiled by the product.

- After inhalation:

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

- After skin contact:

After contact with skin, wash immediately with plenty of soap and water.

If skin irritation continues, consult a doctor.

- After eye contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

- After swallowing:

Rinse out mouth and then drink plenty of water.

- If swallowed, do not induce vomiting: seek medical advice and show this container or label.
- 4.2 Most important symptoms and effects, both acute and delayed
- No further relevant information available.
- 4.3 Indication of any immediate medical attention and special treatment needed
- No further relevant information available.

SECTION 5: Firefighting measures

- 5.1 Extinguishing media

- Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.

- 5.2 Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

- 5.3 Advice for firefighters
- Protective equipment:

Wear self-contained respiratory protective device.

(Contd. on page 4)

⁻ DEGEN

Printing date 01.06.2020

Version number 3

Revision: 01.06.2020

Trade name: ergo 1319 - Component B ergo 1320

(Contd. of page 3) Do not inhale explosion gases or combustion gases. - Additional information Cool endangered receptacles with water spray. Dispose of fire debris and contaminated fire fighting water in accordance with official regulations. **SECTION 6: Accidental release measures** - 6.1 Personal precautions, protective equipment and emergency procedures Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation - 6.2 Environmental precautions: Inform respective authorities in case of seepage into water course or sewage system. Do not allow product to reach sewage system or any water course. - 6.3 Methods and material for containment and cleaning up: Ensure adequate ventilation. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of the material collected according to regulations. - 6.4 Reference to other sections See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 10 for information on "stability and reactivity". See Section 13 for disposal information. **SECTION 7: Handling and storage**

- 7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).

- Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

- 7.2 Conditions for safe storage, including any incompatibilities

- Storage:

- Requirements to be met by storerooms and receptacles: Store only in the original receptacle.

- Information about storage in one common storage facility: Store away from foodstuffs.
- Further information about storage conditions: Store in cool, dry conditions in well sealed receptacles.
- Storage class (TRGS 510, Storage of hazardous substances in non-stationary containers): 10-13
- 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

- Additional information about design of technical facilities: No further data; see item 7.

- 8.1 Control parameters

- Ingredients with limit values that require monitoring at the workplace:

868-77-9 2-hydroxyethyl methacrylate

MAK (Germany) vgl.Abschn.IIb

92-84-2 phenothiazine

MAK (Germany) vgl.Abschn.IIb und Xc

- Additional information: The lists valid during the making were used as basis.

- 8.2 Exposure controls

- Personal protective equipment:

- General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

(Contd. on page 5)

Printing date 01.06.2020

*

Colour:

Version number 3

Revision: 01.06.2020

Trade name: ergo 1319 - Component B ergo 1320

	(Contd. of page 4)
	iffs, beverages and feed.
	soiled and contaminated clothing
	ks and at the end of work.
Do not inhale gases / fur	
Avoid contact with the e	
- Respiratory protection	
	protective device in case of insufficient ventilation.
Filter A/P2	
- Protection of hands:	
Protective gloves (EN 3	
	prior to each use for their proper condition.
	o be impermeable and resistant to the product/ the substance/ the preparation.
	recommendation to the glove material can be given for the product/ the preparation/
the chemical mixture.	
	aterial on consideration of the penetration times, rates of diffusion and the degradation
- Material of gloves	
and varies from manuf	able gloves does not only depend on the material, but also on further marks of quality acturer to manufacturer. As the product is a preparation of several substances, the naterial can not be calculated in advance and has therefore to be checked prior to the
Penetration time of glo	ve material
	time has to be found out by the manufacturer of the protective gloves and has to be
- Eye protection: Tightly	sealed goggles
- Eye protection: Tightly	sealed goggles
SECTION 9: Phys	cal and chemical properties
	ic physical and chemical properties
- General Information	
- Appearance:	
Form:	Fluid

- Odour: - Odour threshold:	Characteristic Not determined.
- pH-value:	Not determined.
- Change in condition Melting point/freezing point: Initial boiling point and boiling range	Undetermined. e: $> 35 \ ^{\circ}C$
- Flash point:	>100 °C
- Flammability (solid, gas):	Not applicable.

- Decomposition temperature: Not determined. - Auto-ignition temperature: Product is not self-igniting. - Explosive properties: Product does not present an explosion hazard. - Explosion limits: Lower: Not determined. Not determined. **Upper:** - Oxidising properties Not determined. - Vapour pressure: Not determined. - Density at 20 °C: 1.06 g/cm3 - Relative density Not determined. - Vapour density Not determined.

Black

(Contd. on page 6)

Printing date 01.06.2020

Version number 3

Revision: 01.06.2020

Trade name: ergo 1319 - Component B ergo 1320

		(Contd. of page 5)
- Evaporation rate	Not determined.	
- Solubility in / Miscibility with water:	Not miscible or difficult to mix.	
- Partition coefficient: n-octanol/water:	Not determined.	
- Viscosity:		
Dynamic:	Not determined.	
Kinematic:	Not determined.	
- 9.2 Other information	No further relevant information available.	

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.

- 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided: Protect from heat and direct sunlight.
- 10.3 Possibility of hazardous reactions Exothermic polymerisation.
- 10.4 Conditions to avoid No further relevant information available.
- 10.5 Incompatible materials: No further relevant information available.
- 10.6 Hazardous decomposition products:

No dangerous products of decomposition if used and stored according to specifications.

SECTION 11: Toxicological information

- 11.1 Information on toxicological effects

- Acute toxicity Based on available data, the classification criteria are not met.

- LD/LC50 values relevant for classification:

868-77-9 2-hydroxyethyl methacrylate

OralLD505,050 mg/kg (Rat, male/female)DermalLD503,000 mg/kg (Rabbit)

10595-06-9 2-phenoxyethyl methacrylate

Oral LD50 5,050 mg/kg (Rat, male/female)

99-97-8 N,N-dimethyl-p-toluidine

Inhalative LC50/4 h 1.4 mg/l (Rat, male/female)

- Primary irritant effect:
- Skin corrosion/irritation
- Causes skin irritation.
- **Serious eye damage/irritation** Causes serious eye damage.
- Respiratory or skin sensitisation
- May cause an allergic skin reaction.
- Additional toxicological information:
- No experimentally found toxicological data are available for this preparation.
- CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)
- Repr. 2
- Germ cell mutagenicity Based on available data, the classification criteria are not met.
- Carcinogenicity Based on available data, the classification criteria are not met.
- Reproductive toxicity
- Suspected of damaging the unborn child.
- STOT-single exposure Based on available data, the classification criteria are not met.
- STOT-repeated exposure Based on available data, the classification criteria are not met.

(Contd. on page 7)

DEGEN

Printing date 01.06.2020

Version number 3

Revision: 01.06.2020

(Contd. of page 6)

Trade name: ergo 1319 - Component B ergo 1320

- Aspiration hazard Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

- 12.1 Toxicity
- Aquatic toxicity: No further relevant information available.
- Toxicity to fish:

868-77-9 2-hydroxyethyl methacrylate

LC50/96 h 213 - 242 mg/l (Pimephales promelas)

- **12.2 Persistence and degradability** No further relevant information available.
- 12.3 Bioaccumulative potential No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- Additional ecological information:

- General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water Danger to drinking water if even small quantities leak into the ground.

Do not allow product to reach ground water, water course or undiluted sewage system.

- 12.5 Results of PBT and vPvB assessment
- **PBT:** Not applicable.
- **vPvB**: Not applicable.
- 12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

- 13.1 Waste treatment methods

- Recommendation Disposal must be made according to official regulations.

- Uncleaned packaging:

- Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information - 14.1 UN-Number - ADR, IMDG, IATA UN3082 - 14.2 UN proper shipping name 3082 ENVIRONMENTALLY HAZARDOUS - ADR SUBSTANCE, LIQUID, N.O.S. (2-phenoxyethyl methacrylate) - IMDG ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2-phenoxyethyl methacrylate, 3,9-Bis(2,4-di-tert.-butyl phenoxy)-2,4,8,10.tetroxa-3,9diphosphaspiro[5.5]undecane), MARINE POLLUTANT ENVIRONMENTALLY HAZARDOUS SUBSTANCE, - IATA LIQUID, N.O.S. (2-phenoxyethyl methacrylate) - 14.3 Transport hazard class(es) - ADR - Class 9 (M6) Miscellaneous dangerous substances and articles.

(Contd. on page 8)

DEGEN

DEGEN -

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 01.06.2020

Version number 3

Trade name: ergo 1319 - Component B ergo 1320

	(Contd. of page
- Label	9
- IMDG, IATA	
- Class - Label	9 Miscellaneous dangerous substances and articles.9
- 14.4 Packing group - ADR, IMDG, IATA	III
 - 14.5 Environmental hazards: - Marine pollutant: - Special marking (ADR): 	Product contains environmentally hazardous substances 2-phenoxyethyl methacrylate Symbol (fish and tree) Symbol (fish and tree)
Special marking (IATA):14.6 Special precautions for user	Symbol (fish and tree) Warning: Miscellaneous dangerous substances an
 Hazard identification number (Kemler code): EMS Number: Stowage Category 	articles. 90 F-A,S-F A
- 14.7 Transport in bulk according to Annex II o Marpol and the IBC Code	f Not applicable.
- Transport/Additional information:	ADR: SV375 IMDG-Code: 2.10.2.7 IATA-DGR: A197 (375)
- ADR - Limited quantities (LQ) - Excepted quantities (EQ)	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
- Transport category - Tunnel restriction code - Remarks:	SV375: Diese Stoffe unterliegen, wenn sie in Einzelverpackunge oder zusammengesetzten Verpackungen mit eine Nettomenge von höchstens 5 l flüssiger Stoffe oder eine Nettomasse von höchstens 5 kg fester Stoffe je Einze oder Innenverpackung befördert werden, nicht de übrigen Vorschriften des ADR/RID, vorausgesetzt, di Verpackungen entsprechen den allgemeinen Vorschrifte der Unterabschnitte 4.1.1.1, 4.1.1.2 und 4.1.1.4 bi 4.1.1.8.
 - IMDG - Limited quantities (LQ) - Excepted quantities (EQ) - Remarks: 	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml 2.10.2.7: Meeresschadstoffe in Einzelverpackungen ode
	zusammengesetzten Verpackungen mit einer Nettomeng je Einzel- oder Innenverpackung von höchstens 5 L be Flüssigkeiten oder einer Nettomasse je Einzel- oder

Printing date 01.06.2020

Version number 3

Revision: 01.06.2020

Trade name: ergo 1319 - Component B ergo 1320

(Contd. of page 8	
Innenverpackung von höchstens 5 kg bei festen Stoffer unterliegen keinen anderen auf Meeresschadstoffe anwendbaren Vorschriften dieses Codes, sofern die Verpackungen die allgemeinen Vorschriften in 4.1.1.1 4.1.1.2 und 4.1.1.4 bis 4.1.1.8 erfüllen. Im Falle vor Meeresschadstoffen, die auch die Kriterien für die Aufnahme in eine andere Klasse erfüllen, finden alle Vorschriften dieses Codes, die für etwaige weitere Gefahren gelten, weiterhin Anwendung.	
АТА	
A 197 (375): These substances when transported in single or combination packagings containing a net quantity per single or inner packaging of 5 L or less for liquids or having a net mass of 5 kg or less for solids, are not subjec to any other provisions of these Regulations provided the packagings meet the general provisions of 5.0.2.4.1 5.0.2.6.1.1 and 5.0.2.8.	
UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2-PHENOXYETHYI METHACRYLATE), 9, III	

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

- National regulations:

*

*

- Waterhazard class: Water hazard class 2 (Self-assessment): hazardous for water.

- 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- Relevant phrases

- H227 Combustible liquid.
- H301 Toxic if swallowed.
- H302 Harmful if swallowed.
- H311 Toxic in contact with skin.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H330 Fatal if inhaled.
- H351 Suspected of causing cancer.
- H361d Suspected of damaging the unborn child.
- H373 May cause damage to organs through prolonged or repeated exposure.
- H410 Very toxic to aquatic life with long lasting effects.
- H411 Toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.
- H413 May cause long lasting harmful effects to aquatic life.

- Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

(Contd. on page 10)

Printing date 01.06.2020

Version number 3

Revision: 01.06.2020

Trade name: ergo 1319 - Component B ergo 1320

	(Contd. of page 9)
IMDG: International Maritime Code for Dangerous Goods	(contai of page))
IATA: International Air Transport Association	
GHS: Globally Harmonised System of Classification and Labelling of Chemicals	
EINECS: European Inventory of Existing Commercial Chemical Substances	
ELINCS: European List of Notified Chemical Substances	
CAS: Chemical Abstracts Service (division of the American Chemical Society)	
LC50: Lethal concentration, 50 percent	
LD50: Lethal dose, 50 percent	
PBT: Persistent, Bioaccumulative and Toxic	
vPvB: very Persistent and very Bioaccumulative	
Flam. Lig. 4: Flammable liquids – Category 4	
Acute Tox. 3: Acute toxicity - oral – Category 3	
Acute Tox. 4: Acute toxicity - oral – Category 4	
Acute Tox. 2: Acute toxicity - inhalation – Category 2	
Skin Irrit. 2: Skin corrosion/irritation – Category 2	
Eye Dam. 1: Serious eye damage/eye irritation – Category 1	
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2	
Skin Sens. 1: Skin sensitisation – Category 1	
Skin Sens. 1A: Skin sensitisation – Category 1A	
Skin Sens. 1B: Skin sensitisation – Category 1B	
Carc. 2: Carcinogenicity – Category 2	
Repr. 2: Reproductive toxicity – Category 2	
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2	
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard - Category 1	
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2	
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3	
Aquatic Chronic 4: Hazardous to the aquatic environment - long-term aquatic hazard - Category 4	
- * Data compared to the previous version altered.	
	DEGEN