

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) 2020/878



Article No.: 2 02000 N0000 epple-loc 2000-new
Print date 15.02.2023 Revision date 15.02.2023
Version 8.0 Issue date 15.02.2023

EN
Page 1 / 11

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Article No. (manufacturer/supplier): 2 02000 N0000
Trade name/designation epple-loc 2000-new
Adhesive
UFI: TD10-80TF-700A-EGEQ

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses:

Anaerobic-hardening product for the screw locking and surface seal

1.3. Details of the supplier of the safety data sheet

supplier (manufacturer/importer/downstream user/distributor)

E. Epple & Co. GmbH
Hertzstr. 8
71083 Herrenberg

Telephone: +49 7032 / 9771-17
Telefax: +49 7032 / 9771-60
www.epple-chemie.de

Department responsible for information:

laboratory

E-mail (competent person)

labor@epple-chemie.de

1.4. Emergency telephone number

Information center against poisoning Bonn

+49 (0) 228 / 19 240 (Advice in German)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

Skin Corr. 1B / H314	Skin corrosion/irritation	Causes severe skin burns and eye damage.
Eye Dam. 1 / H318	Serious eye damage/eye irritation	Causes serious eye damage.
Skin Sens. 1 / H317	Respiratory or skin sensitisation	May cause an allergic skin reaction.
STOT SE 3 / H335	STOT-single exposure	May cause respiratory irritation.

2.2. Label elements

The product is classified and labelled according to EC directives or corresponding national laws.

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms



Danger

Hazard statements

H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H335 May cause respiratory irritation.

Precautionary statements

P260 Do not breathe vapour.
P280 Wear protective gloves.
P301 + P330 + P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
P362 + P364 Take off contaminated clothing and wash it before reuse.
P501 Dispose of contents/container in accordance with local/regional/ national/international regulations.

Hazard components for labelling

methacrylic acid
2-hydroxyethyl methacrylate
mequinol
2-ethylhexyl acrylate

Supplemental hazard information

not applicable

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Description anaerobic one-part adhesive

Hazardous ingredients

Classification according to Regulation (EC) No 1272/2008 [CLP]

EC No. CAS No. Index No.	REACH No. Designation classification: // Remark	weight-%
212-782-2 868-77-9 607-124-00-X	01-2119490169-29 2-hydroxyethyl methacrylate Eye Irrit. 2 H319 / Skin Irrit. 2 H315 / Skin Sens. 1 H317	24,9 - 49,9
203-080-7 103-11-7 607-107-00-7	01-2119453158-37 2-ethylhexyl acrylate STOT SE 3 H335 / Skin Irrit. 2 H315 / Skin Sens. 1 H317	24,9 - 49,9
201-204-4 79-41-4 607-088-00-5	01-2119463884-26 methacrylic acid Acute Tox. 4 H312 / Acute Tox. 4 H302 / Skin Corr. 1A H314 Specific concentration limit (SCL): STOT SE 3 H335 >= 1	2,4 - 9,9
203-652-6 109-16-0	01-2119969287-21 triethylene glycol dimethacrylate Skin Sens. 1B H317	2,4 - 9,9
201-254-7 80-15-9 617-002-00-8	01-2119475796-19 α,α -dimethylbenzyl hydroperoxide Org. Perox. E H242 / Acute Tox. 3 H331 / Acute Tox. 4 H312 / Acute Tox. 4 H302 / STOT RE 2 H373 / Skin Corr. 1B H314 / Aquatic Chronic 2 H411 Specific concentration limit (SCL): Skin Corr. 1B H314 >= 10 / Skin Irrit. 2 H315 >= 3 / Eye Dam. 1 H318 >= 3 / Eye Irrit. 2 H319 >= 1 / STOT SE 3 H335 >= 1 Acute toxicity estimate (ATE): ATE (oral): 382 mg/kg bw / ATE (inhalation, vapour): 1,37 mg/L	0,9 - 2,4
205-769-8 150-76-5 604-044-00-7	01-2119541813-40 mequinol Acute Tox. 4 H302 / Eye Irrit. 2 H319 / Skin Sens. 1 H317	0,1 - 0,9

Additional information

Full text of classification: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness give nothing by mouth, place in recovery position and seek medical advice.

In case of inhalation

Remove casualty to fresh air and keep warm and at rest. In case of irregular breathing or respiratory arrest provide artificial respiration.

Following skin contact

Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap. Do not use solvents or thinners.

After eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.

Following ingestion

Seek medical advice immediately.

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

In all cases of doubt, or when symptoms persist, seek medical advice. Dyspnoea

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) 2020/878



Article No.: 2 02000 N0000 epple-loc 2000-new
Print date 15.02.2023 Revision date 15.02.2023
Version 8.0 Issue date 15.02.2023

EN
Page 3 / 11

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

First Aid, decontamination, treatment of symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

alcohol resistant foam, carbon dioxide, Powder, spray mist, (water)

Unsuitable extinguishing media

strong water jet

5.2. Special hazards arising from the substance or mixture

Dense black smoke occurs during fire. Inhaling hazardous decomposing products can cause serious health damage.

5.3. Advice for firefighters

Provide a conveniently located respiratory protective device. Do not allow water used to extinguish fire to enter drains, ground or waterways. Cool closed containers that are near the source of the fire.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Keep away from sources of ignition. Ventilate affected area. Do not breathe vapours.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.

6.3. Methods and material for containment and cleaning up

Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see section 13). Clean using cleansing agents. Do not use solvents.

6.4. Reference to other sections

Observe protective provisions (see section 7 and 8).

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advices on safe handling

Avoid contact with skin, eyes and clothes. When using do not eat, drink or smoke. Personal protection equipment: refer to section 8. Follow the legal protection and safety regulations.

Further information

Vapours are heavier than air. Vapours form explosive mixtures with air.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Storage in accordance with the Ordinance on Industrial Safety and Health (BetrsiVO). Keep container tightly closed. Do not empty containers with pressure - no pressure vessel! Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks.

Hints on joint storage

Keep away from strongly acidic and alkaline materials as well as oxidizers.

Further information on storage conditions

Take care of instructions on label. Store in a well-ventilated and dry room at temperatures between 5 °C and 30 °C. Protect from heat and direct sunlight. Keep container tightly closed. Remove all sources of ignition. Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks.

7.3. Specific end use(s)

Observe technical data sheet. Observe instructions for use.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit values

methacrylic acid

Index No. 607-088-00-5 / EC No. 201-204-4 / CAS No. 79-41-4

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) 2020/878



Article No.: 2 02000 N0000 epple-loc 2000-new
Print date 15.02.2023 Revision date 15.02.2023
Version 8.0 Issue date 15.02.2023

EN
Page 4 / 11

TWA: 72 mg/m³; 20 ppm
STEL: 143 mg/m³; 40 ppm

mequinol

Index No. 604-044-00-7 / EC No. 205-769-8 / CAS No. 150-76-5

TWA: 5 mg/m³

Additional information

TWA : Long-term occupational exposure limit value

STEL : short-term occupational exposure limit value

Ceiling : peak limitation

DNEL:

2-hydroxyethyl methacrylate

Index No. 607-124-00-X / EC No. 212-782-2 / CAS No. 868-77-9

DNEL long-term dermal (systemic), Workers: 1,3 mg/kg bw/day

DNEL long-term inhalative (systemic), Workers: 4,9 mg/m³

α,α -dimethylbenzyl hydroperoxide

Index No. 617-002-00-8 / EC No. 201-254-7 / CAS No. 80-15-9

DNEL long-term inhalative (systemic), Workers: 6 mg/m³

triethylene glycol dimethacrylate

EC No. 203-652-6 / CAS No. 109-16-0

DNEL long-term dermal (systemic), Workers: 13,9 mg/kg bw/day

DNEL long-term inhalative (systemic), Workers: 48,5 mg/m³

PNEC:

2-hydroxyethyl methacrylate

Index No. 607-124-00-X / EC No. 212-782-2 / CAS No. 868-77-9

PNEC aquatic, freshwater: 0,482 mg/L

PNEC aquatic, marine water: 0,482 mg/L

PNEC aquatic, intermittent release: 1 mg/L

PNEC sediment, freshwater: 3,79 mg/kg

PNEC sediment, marine water: 3,79 mg/kg

PNEC, soil: 0,476 mg/kg

PNEC sewage treatment plant (STP): 10 mg/L

α,α -dimethylbenzyl hydroperoxide

Index No. 617-002-00-8 / EC No. 201-254-7 / CAS No. 80-15-9

PNEC aquatic, freshwater: 0,0031 mg/L

PNEC aquatic, marine water: 0,0003 mg/L

PNEC aquatic, intermittent release: 0,031 mg/L

PNEC sediment, freshwater: 0,023 mg/kg

PNEC sediment, marine water: 0,0023 mg/kg

PNEC, soil: 0,0029 mg/kg

PNEC sewage treatment plant (STP): 0,35 mg/L

triethylene glycol dimethacrylate

EC No. 203-652-6 / CAS No. 109-16-0

PNEC aquatic, freshwater: 0,164 mg/L

PNEC aquatic, marine water: 0,0164 mg/L

PNEC aquatic, intermittent release: 0,164 mg/L

PNEC sediment, freshwater: 1,85 mg/kg

PNEC sediment, marine water: 0,185 mg/kg

PNEC, soil: 0,274 mg/kg

PNEC sewage treatment plant (STP): 10 mg/L

8.2. Exposure controls

Provide good ventilation. This can be achieved with local or room suction. If this should not be sufficient to keep aerosol and solvent vapour concentration below the exposure limit values, a suitable respiratory protection must be used.

Personal protection equipment

Respiratory protection

If concentration of solvents is beyond the occupational exposure limit values, approved and suitable respiratory protection must be used. Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190). Use only respiratory protection equipment with CE-symbol including four digit test number.

Hand protection

For prolonged or repeated handling the following glove material must be used: NBR (Nitrile rubber)

Thickness of the glove material > 0,4 mm ; Breakthrough time: > 480 min.

Observe the instructions and details for use, storage, maintenance and replacement provided by the protective glove manufacturer. Penetration time of glove material depending on intensity and duration of exposure to skin. Recommended glove articles EN ISO 374

Barrier creams can help protecting exposed skin areas. In no case should they be used after contact.

Eye/face protection

Wear closely fitting protective glasses in case of splashes.

Body protection

Wear antistatic clothing of natural fibers (cotton) or heat resistant synthetic fibers.

Protective measures

After contact clean skin thoroughly with water and soap or use appropriate cleanser.

Environmental exposure controls

Do not allow to enter into surface water or drains. See section 7. No additional measures necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

*

Appearance:	Liquid
Colour:	yellow
Odour:	characteristic
Odour threshold:	not applicable
Melting point/freezing point:	-90 °C Source: 2-ethylhexyl acrylate
Initial boiling point and boiling range:	not applicable
Flammability:	Combustible liquid.
Lower and upper explosion limit:	
Lower explosion limit:	not applicable
Upper explosion limit:	not applicable
Flash point:	> 100 °C
Auto-ignition temperature:	not applicable
Decomposition temperature:	not applicable
pH at 20 °C:	not relevant
Cinematic viscosity (40°C):	9,26 mm²/s
Viscosity at 20 °C:	< 10 mPa* s

Solubility(ies):	
Water solubility at 20 °C:	partially miscible
Partition coefficient: n-octanol/water:	see section 12
Vapour pressure at 20 °C:	not applicable
Density and/or relative density:	
Density at 20 °C:	1,08 g/cm³
Relative vapour density:	not applicable
particle characteristics:	not applicable

9.2. Other information

Solid content:	100 weight-%
solvent content:	
Organic solvents:	0 weight-%
Water:	0 weight-%
Solvent separation test:	< 3 weight-% (ADR/RID)

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7. Conditions to avoid Radiant heat.; UV-radiation/sunlight

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Hazardous decomposition byproducts may form with exposure to high temperatures.

10.5. Incompatible materials

not applicable

10.6. Hazardous decomposition products

Hazardous decomposition byproducts may form with exposure to high temperatures, e.g.: carbon dioxide, carbon monoxide, smoke, nitrogen oxides.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008 *

Acute toxicity

2-hydroxyethyl methacrylate

oral, LD50, Rat: > 5000 mg/kg

dermal, LD50, Rabbit: > 5000 mg/kg

α,α -dimethylbenzyl hydroperoxide

oral, LD50, Rat: 382 mg/kg

dermal, LD50, Rat: 530 - 1060 mg/kg

inhalative (vapours), LC50, Rat: 1,37 mg/L (4 h)

triethylene glycol dimethacrylate

oral, LD50, Rat: 10837 mg/kg

dermal, LD50, Mouse: > 2000 mg/kg

Skin corrosion/irritation; Serious eye damage/eye irritation

Causes severe skin burns and eye damage.

2-hydroxyethyl methacrylate

eyes, Rabbit: Evaluation irritant.

Method: Draize test

α,α -dimethylbenzyl hydroperoxide

Skin, Rabbit: Evaluation corrosive

Method: Draize test

triethylene glycol dimethacrylate

Skin, Rabbit (24 h): Evaluation non-irritant.

Method: Draize test

eyes, Rabbit: Evaluation non-irritant.

Method: OECD 405

Respiratory or skin sensitisation

May cause an allergic skin reaction.

2-hydroxyethyl methacrylate

Skin, Guinea pig: ; Evaluation sensitising

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

2-hydroxyethyl methacrylate

Germ cell mutagenicity; Evaluation negative

Method: OECD 471 (Ames test)

Germ cell mutagenicity; Evaluation positive.

Method: OECD 473.

in-vitro

Germ cell mutagenicity; Evaluation negative

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) 2020/878



Article No.: 2 02000 N0000 epple-loc 2000-new
Print date 15.02.2023 Revision date 15.02.2023
Version 8.0 Issue date 15.02.2023

EN
Page 7 / 11

Method: OECD 476
 α,α -dimethylbenzyl hydroperoxide
Germ cell mutagenicity; Evaluation positive
Method: OECD 471 (Ames test)
triethylene glycol dimethacrylate
Germ cell mutagenicity; Evaluation negative
Method: OECD 476
with and without metabolic activation
Germ cell mutagenicity; Evaluation negative
Method: OECD 471 (Ames test)
with and without metabolic activation

STOT-single exposure; STOT-repeated exposure

May cause respiratory irritation.

2-hydroxyethyl methacrylate
STOT-repeated exposure, NOAEL., Rat: 100 mg/kg
Method: OECD 422

triethylene glycol dimethacrylate
STOT-repeated exposure, NOAEL., Rat: 1000 mg/kg
Method: OECD 422

Aspiration hazard

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

Practical experience/human evidence

The fractions of acrylic resin in the preparation have an irritant effect.

Overall assessment on CMR properties

The ingredients in this mixture do not meet the criteria for classification as CMR category 1A or 1B according to CLP.

Remark

There is no information available on the preparation itself .

11.2. **Information on other hazards**

Endocrine disrupting properties

No information available.

SECTION 12: Ecological information

Classification according to Regulation (EC) No 1272/2008 [CLP]
Do not allow to enter into surface water or drains.

12.1. **Toxicity**

2-hydroxyethyl methacrylate
Fish toxicity, LC50, Pimephales promelas (fathead minnow): 227 mg/L (96 h)
Method: OECD 202
Daphnia toxicity, EC50, Daphnia magna (Big water flea): 380 mg/L (48 h)
Method: OECD 202
Algae toxicity, NOEC., Pseudokirchneriella subcapitata: 400 mg/L (72 h)
Method: OECD 201
Algae toxicity, EC50., Pseudokirchneriella subcapitata: 836 mg/L (72 h)
Method: OECD 201
Fish toxicity, LC50, Oryzias latipes (Ricefish): > 100 mg/L (96 h)
Method: OECD 203
Bacteria toxicity, EC0, Pseudomonas fluorescens: > 3000 mg/L (16 h)
 α,α -dimethylbenzyl hydroperoxide
Fish toxicity, LC50, Oncorhynchus mykiss (Rainbow trout): 3,9 mg/L (96 h)
Method: OECD 203
Daphnia toxicity, EC50, Daphnia magna (Big water flea): 18,84 mg/L (48 h)
Method: OECD 202
Algae toxicity, EC50, Pseudokirchneriella subcapitata: 3,1 mg/L (72 h)
Method: OECD 201
Bacteria toxicity, EC10: 70 mg/L (30 min)

*

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) 2020/878



Article No.: 2 02000 N0000 epple-loc 2000-new
Print date 15.02.2023 Revision date 15.02.2023
Version 8.0 Issue date 15.02.2023

EN
Page 8 / 11

triethylene glycol dimethacrylate
Fish toxicity, LC50, Danio rerio (zebrafish): 16,4 mg/L (96 h)
Method: OECD 203
Algae toxicity, EC50, Pseudokirchneriella subcapitata: > 1 mg/L (72 h)
Method: OECD 201

Long-term Ecotoxicity

2-hydroxyethyl methacrylate
Daphnia toxicity, NOEC, Daphnia magna (Big water flea): 24,1 mg/L (21 d)
Method: OECD 211

α,α -dimethylbenzyl hydroperoxide
Algae toxicity, NOEC, Desmodesmus subspicatus: 1 mg/L (72 h)
Method: OECD 201

triethylene glycol dimethacrylate
Daphnia toxicity, NOEC, Daphnia magna (Big water flea): 32 mg/L (21 d)
Method: OECD 211
Algae toxicity, NOEC, Pseudokirchneriella subcapitata: 18,6 mg/L (72 h)
Method: OECD 201

12.2. Persistence and degradability

2-hydroxyethyl methacrylate
Biodegradation: 92 - 100 % (14 d); Evaluation Readily biodegradable
Method: OECD 301C

α,α -dimethylbenzyl hydroperoxide
Biodegradation, aerobic.: 3 % (28 d); Evaluation Not readily biodegradable
Method: OECD 301B

triethylene glycol dimethacrylate
Biodegradation, aerobic: 85 % (28 d); Evaluation Readily biodegradable
Method: OECD 301B

12.3. Bioaccumulative potential

2-hydroxyethyl methacrylate
Partition coefficient: n-octanol/water: 0,42
Method: OECD 107

α,α -dimethylbenzyl hydroperoxide
Partition coefficient: n-octanol/water: 2,16

triethylene glycol dimethacrylate
Partition coefficient: n-octanol/water: 2,3
Method: OECD 117

Bioconcentration factor (BCF)

α,α -dimethylbenzyl hydroperoxide
Bioconcentration factor (BCF): 9,1
Method: OECD 305

12.4. Mobility in soil

Toxicological data are not available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Endocrine disrupting properties

No information available.

12.7. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Appropriate disposal / Product Recommendation

Do not allow to enter into surface water or drains. This material and its container must be disposed of in a safe way. Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) 2020/878



Article No.: 2 02000 N0000 epple-loc 2000-new
Print date 15.02.2023 Revision date 15.02.2023
Version 8.0 Issue date 15.02.2023

EN
Page 9 / 11

List of proposed waste codes/waste designations in accordance with EWC

080409* Waste adhesives and sealants containing organic solvents or other dangerous substances

*Hazardous waste according to Directive 2008/98/EC (waste framework directive).

Appropriate disposal / Package

Recommendation

Non-contaminated packages may be recycled. Vessels not properly emptied are special waste.

SECTION 14: Transport information

14.1. UN number or ID number

UN 1760

14.2. UN proper shipping name

Land transport (ADR/RID): Corrosive liquid, n.o.s.
(methacrylic acid, stabilized)
Sea transport (IMDG): CORROSIVE LIQUID, N.O.S.
(methacrylic acid, stabilized)
Air transport (ICAO-TI / IATA-DGR): Corrosive liquid, n.o.s.
(methacrylic acid, stabilized)

14.3. Transport hazard class(es)

8

14.4. Packing group

Land transport (ADR/RID): III
for packages > 450 litres: II
Sea transport (IMDG): II
Air transport (ICAO-TI / IATA-DGR): II

14.5. Environmental hazards

Land transport (ADR/RID) not applicable
Marine pollutant not applicable

14.6. Special precautions for user

Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage.
Advices on safe handling: see parts 6 - 8

Further information

Land transport (ADR/RID)

Tunnel restriction code E

Sea transport (IMDG)

EmS-No. F-A, S-B

14.7. Maritime transport in bulk according to IMO instruments

No transport as bulk according IBC - Code.

SECTION 15: Regulatory information

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

EU legislation

Directive 2010/75/EU on industrial emissions [Industrial Emissions Directive]

VOC-value (in g/L): 4

National regulations

Restrictions of occupation

Observe employment restrictions under the Maternity Protection Directive 92/85/EEC or stricter national regulations, if applicable.

Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC) or stricter national regulations, if applicable.

Substance/product listed in the following inventories:

AICS no information

DSL no information

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) 2020/878



Article No.: 2 02000 N0000 epple-loc 2000-new
 Print date 15.02.2023 Revision date 15.02.2023
 Version 8.0 Issue date 15.02.2023

EN
 Page 10 / 11

EHS no information
 IECSC no information
 KECI no information
 MITI no information
 NZLoC no information
 PICCS no information
 TCSI no information
 TSCA no information

15.2. Chemical Safety Assessment

For the following substances of this mixture a chemical safety assessment has been carried out:

EC No. CAS No.	Designation	REACH No.
212-782-2 868-77-9	2-hydroxyethyl methacrylate	01-2119490169-29
203-080-7 103-11-7	2-ethylhexyl acrylate	01-2119453158-37
201-204-4 79-41-4	methacrylic acid	01-2119463884-26
203-652-6 109-16-0	triethylene glycol dimethacrylate	01-2119969287-21
201-254-7 80-15-9	α,α -dimethylbenzyl hydroperoxide	01-2119475796-19
205-769-8 150-76-5	mequinol	01-2119541813-40

SECTION 16: Other information

Full text of classification in section 3:

Eye Irrit. 2 / H319	Serious eye damage/eye irritation	Causes serious eye irritation.
Skin Irrit. 2 / H315	Skin corrosion/irritation	Causes skin irritation.
Skin Sens. 1 / H317	Respiratory or skin sensitisation	May cause an allergic skin reaction.
STOT SE 3 / H335	STOT-single exposure	May cause respiratory irritation.
Acute Tox. 4 / H312	Acute toxicity (dermal)	Harmful in contact with skin.
Acute Tox. 4 / H302	Acute toxicity (oral)	Harmful if swallowed.
Skin Corr. 1A / H314	Skin corrosion/irritation	Causes severe skin burns and eye damage.
Skin Sens. 1B / H317	Respiratory or skin sensitisation	May cause an allergic skin reaction.
Org. Perox. E / H242	Organic peroxides	Heating may cause a fire.
Acute Tox. 3 / H331	Acute toxicity (inhalative)	Toxic if inhaled.
STOT RE 2 / H373	STOT-repeated exposure	May cause damage to organs (or state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).
Skin Corr. 1B / H314	Skin corrosion/irritation	Causes severe skin burns and eye damage.
Aquatic Chronic 2 / H411	Hazardous to the aquatic environment	Toxic to aquatic life with long lasting effects.

Abbreviations and acronyms

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
OEL	Occupational Exposure Limit Value
BLV	Biological Limit Value
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
CMR	Carcinogenic, Mutagenic and Reprotoxic
DIN	German Institute for Standardization / German industrial standard
DNEL	Derived No-Effect Level
EAKV	European Waste Catalogue Directive
EC	Effective Concentration
EC	European Community
EN	European Standard
IATA-DGR	International Air Transport Association – Dangerous Goods Regulations
IBC Code	International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
ICAO-TI	International Civil Aviation Organization Technical Instructions for the Safe Transport of Dangerous

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) 2020/878



Article No.: 2 02000 N0000 epple-loc 2000-new
Print date 15.02.2023 Revision date 15.02.2023
Version 8.0 Issue date 15.02.2023

EN
Page 11 / 11

	Goods by Air
IMDG Code	International Maritime Code for Dangerous Goods
ISO	International Organization for Standardization
LC	Lethal Concentration
LD	Lethal Dose
MARPOL	Maritime Pollution: The International Convention for the Prevention of Pollution from Ships
OECD	Organisation for Economic Cooperation and Development
PBT	persistent, bioaccumulative, toxic
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
UN	United Nations
VOC	Volatile Organic Compounds
vPvB	very persistent and very bioaccumulative

Abbreviations and acronyms

n.a. = not applicable

n.b. = not determined

Further information

Classification according to Regulation (EC) No 1272/2008 [CLP]

The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in section 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.

* Data changed compared with the previous version