

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

EPOX/I PROREMOVER

PRINTING DATE 12 11 2024

VERSION 1

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

1.1 Product identifier

- Trade name

EPOX/I PROREMOVER

UFI:KE00-G02J-V00E-YCSK

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

No further information is available

- Application of the substance / the mixture

Cleaning floors and hard surfaces

- Uses advised against

Any use other than those identified is not recommended

1.3 Details of the supplier of the safety data sheet

- Supplier

CIPA GRES SpA (Cipa Industrial Service)

Via Statale 467, n.119 - 42013 Casalgrande (RE)

Tel. +39 0522 846890 - Fax +39 0522 849910

www.cipagres.it ; E-mail: info@cipagres.it

- Further information obtainable from:

ufficiotecnico@cipagres.it

1.4 Emergency telephone number:

Bonasytems +39 0421 325691

Poison Control Center of Verona 800 011858 (Azienda Ospedaliera Integrata - Verona)

Poison Control Center of Milano 02 66101029 (Ospedale Niguarda Ca'Granda -Milano)

Poison Control Center of Pavia 0382 24444 (Centro Nazionale di Informazione Tossicologica -Pavia)

Poison Control Center of Bergamo 800 883300 (Az.Osp. Papa Giovanni XXIII - Bergamo)

Poison Control Center of Firenze 055 7947819 (Az. Osp. "Careggi" U.O. Tossicologia Medica - FI)

Poison Control Center of Roma 06 3054343 (CAV Policlinico Gemelli - Roma)

Poison Control Center of Roma 06 49978000 (CAV Policlinico Umberto I - Roma)

Poison Control Center of Napoli 081 7472870 (CAV Ospedale Cardarelli - Napoli)

Poison Control Center of Foggia 0881 732326 (CAV Ospedale Univ. - Foggia)

Poison Control Center of Roma 06 68593726 (CAV Osp. Pediatrico Bambino Gesù - Roma)

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SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- Classification according to Regulation (EC) N.1272/2008



GHS05 corrosion

Skin Corr. 1B H314 Causes severe skin burns and eye damage.
Eye Dam. 1 H318 Causes serious eye damage



GHS07

Acute Tox.4 H332 Harmful if inhaled

2.2 Label elements

- Labelling according to Regulation (EC) N. 1272/2008

The product is classified and labelled according to the CLP regulation

- Hazard pictograms



GHS05



GHS07

- Signal word

Danger

- Hazard-determining components of labelling:

glycolic acid
Benzyl alcohol

- Hazard statements

H332 Harmful if inhaled
H314 Causes severe skin burns and eye damage

- Precautionary statements

P261 Avoid breathing aerosols
P280 Wear protective gloves / eye protection
P304+P340

IF INHALED: Remove victim to fresh air and keep at rest in resting position.

P303+P361+P353

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P305+P351+P338 Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing

P312 Call a POISON CENTER/doctor if you feel unwell

P501 Dispose of contents/container in accordance with local/regional/national/international regulations

- Additional information:

- Regulation (EC) N. 648/2004 on detergents / Indication of content

Perfume (Benzyl alcohol)

2.3 Other hazards

- Additional information:

- RResults of PBT and vPvB assessment

- PBT: Based on available data, the product does not contain PBT substances in percentage \geq a 0,1%

- vPvB: Based on available data, the product does not contain vPvB substances in percentage \geq a 0,1%

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- Determination of endocrine disrupting properties

The substance/mixture does not contain any components considered to have endocrine disrupting properties pursuant to Article 57 (f) of the Regulation REACH or of the Delegated Regulation (EU) 2017/2100 of the Commission or of the Regulation (EU) 2018/605 of the Commission at levels equal to or higher than the 0,1%;

SECTION 3: Composition/information on ingredients

3.2 Chemical characterisation:

- Description:

Mixture of substances listed below with non hazardous additions

- Dangerous components

CAS: 79-14-1 EINECS: 201-180-5 Reg.nr.: 01-2119485579-17	glycolic acid ⚠ Skin Corr. 1B, H314; ⚠ Acute Tox.4, H332; ATE: LD50 oral: 2.040 mg/kg LC50/4 h for inhalation: 3,6 mg/l	≥10<22%
CAS: 100-51-6 EINECS: 202-859-9 Reg.nr.: 01-2119492630-38	Benzyl alcohol ⚠ Acute Tox.4, H302; Acute Tox.4, H312; Acute Tox.4, H332; ATE: LD50 oral: 1.610 mg/kg LC50/4 h for inhalation: 4,2 mg/l	≥10<22%
CAS: 107-98-2 EINECS: 203-539-1 Reg.nr.: 01-2119457435-35	1-methoxy-2-propanol ⚠ Flam. Liq. 3, H226; ⚠ STOT SE 3, H336	≥10<22%

Further information: The text of the warning for the hazards mentioned can be found in chapter 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

- General information:

Rescue workers must wear the protective equipment described in section 8.2 of this safety data sheet.

- If inhaled:

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

- After skin contact:

Immediately wash with water and soap and rinse thoroughly

- After eye contact:

Rinse opened eye for several minutes under running water. Then consult a doctor

- After swallowing:

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately showing the safety data sheet or hazard label

4.2 Most important symptoms and effects, both acute and delayed

Skin: corrosive, burning, irritatio

Eyes: Corrosion, corneal damage, irritation

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available

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SECTION 5: Firefighting measures

5.1 Extinguishing media

- *Suitable extinguishing agents:*
Take fire-fighting measures in the vicinity of the affected area
- *For safety reasons unsuitable extinguishing agents:*
None in particular

5.2 Special hazards arising from the substance or mixture

No further information is available.

5.3 Advice for firefighters

- *Protective equipment:*
As in any fire, wear a respirator and appropriate protective clothing including gloves and eye/face protection.
See Section 8 for information on personal protection equipment

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear personal protective clothing. Remove unequipped people

6.2 Environmental precautions:

Prevent infiltration into sewers/surface water/groundwater

6.3 Methods and material for containment and cleaning up:

Collect liquid with absorbent material (sand, acid binder, universal binder).
Use means of neutralization
Slightly alkaline solutions
Dispose of contaminated material in accordance with point 13.
Ensure adequate ventilation

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 13 for disposal information

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols

- *Information about fire - and explosion protection:*
The product is not flammable.

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7.2 Conditions for safe storage, including any incompatibilities

- Storage:
- Requirements to be met by storerooms and receptacles:
No special measures are required
- Mixed storage instructions:
Not necessary
- Further information about storage conditions:
Keep containers tightly closed

7.3 Specific end use(s)

No further relevant information available., see point 1.2

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

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

CAS: 107-98-2 1-methoxy-2-propanol (15-25%)		
TWA (Italia)	Short-term value: 553 mg/m³, 150 ppm Long term value: 369 mg/m³, 100 ppm	
VL (Italia)	Short-term value: 568 mg/m³, 150 ppm Long term value: 375 mg/m³, 100 ppm Skin	
IOELV (EU)	Short-term value: 568 mg/m³, 150 ppm Long term value: 375 mg/m³, 100 ppm Skin	
<i>- Regulatory information:</i> TWA (Italia): Limit Values VL (Italia): D.lgs. n.81/2008 IOELV (EU): (EU) 2019/1831		
DNEL		
CAS: 107-98-2 1-methoxy-2-propanol		
Cutaneous	Long term, local effect	50,6 mg/m³ (professional workers)
PNEC		
CAS: 107-98-2 1-methoxy-2-propanol		
PNEC	10 mg/l (Fresh water) 1 mg/l (Sea water)	

- Additional information:

The lists valid during the making were used as basis.

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8.2 Exposure controls

- *Suitable technical checks*

No further data, see point 7

- *Individual protection measures, such as personal protective equipment*

- *General protective and hygienic measures:*

Keep away from foodstuffs, beverages and feed
Remove contaminated clothing immediately
Wash hands before breaks and at the end of work
Avoid contact with the eyes and skin

- *Respiratory protection:*

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

- *Hand protection*



Protective gloves

Use only chemical protective gloves with marking EN 374.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- *Material of gloves*

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Nitrile rubber,
Rubber gloves
Neoprene gloves

- *Penetration time of glove material*

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Value for the permeation: ≥ 480 min - thickness of the material: ≥ 0.7 mm

Value for the permeation: ≥ 60 min - thickness of the material: ≥ 0.4 mm

Value for the permeation: ≥ 30 min - thickness of the material: ≥ 0.2 mm

- *Eye/face protection*



Sealed protective glasses (EN 166)

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- General Information	Liquid
- Physical state:	Colourless
- Colour:	Pungent
- Odour:	Not determined
- Odour threshold:	Not determined
- Melting point/freezing point:	100 °C
- Boiling point or initial boiling point and boiling range:	Not applicable
- Flammability	
- Lower and upper explosion limit	
- Lower:	Not determined
- Upper:	Not determined
- Flash point:	Not applicable
- pH at 20 °C	< 2
- Viscosity:	
- Kinematic viscosity:	Not determined
- Dynamic:	Not determined
- Solubility:	
- water:	Soluble
- Partition coefficient n-octanol/water (log value)	Not determined
- Vapour pressure at 20 °C:	23 hPa
- Density and/or relative density:	
- Density at 20 °C:	1.05 g/cm ³
- Relative density:	Not determined
- Vapour density:	Not determined

9.2 Other information

- Appearance:	
- Form:	Liquid
- Important information on protection of health and environment, and on safety.	
- Ignition temperature:	Product is not selfigniting
- Explosive properties:	Product does not present an explosion hazard.
- Solvent content:	
- Organic solvents:	40,0%
- VOC (EC)	40%
- Information with regard to physical hazard classes	
- Explosives	Not applicable
- Flammable gases	Not applicable
- Aereosols	Not applicable
- Oxidising gases	Not applicable
- Gases under pressure	Not applicable
- Flammable liquids	Not applicable
- Flammable solids	Not applicable
- Self-reactive substances and mixtures	Not applicable
- Pyrophoric liquids	Not applicable
- Pyrophoric solids	Not applicable
- Self-heating substances and mixtures	Not applicable

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- Substances and mixtures, which emit flammable gases in contact with water	Not applicable
- Oxidising liquids	Not applicable
- Oxidising solids	Not applicable
- Organic peroxides	Not applicable
- Corrosive to metals	Not applicable
- Desensitised explosives	Not applicable

SECTION 10: Stability and reactivity

1.1 Reactivity

No further relevant information available

1.2 Chemical stability

The product is stable under normal conditions of use and storage.

- Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications

10.3 Possibility of hazardous reactions

No dangerous reactions known

10.4 Conditions to avoid

Excessive variations in temperature, below 0 ° C and above 40° C

10.5 Incompatible materials

No further relevant information available

1.6 Hazardous decomposition products:

No dangerous decomposition products known

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) N. 1272/2008

- Acute toxicity

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

LD/LC50 values relevant for classification: EPOX/I PRO REMOVER		
Oral	LD50	8.050 mg/kg (rat)
Dermal	LD50	10.000 mg/kg (rabbit)
Inhalative	LC50/4h	9,7 mg/l (ratto)
CAS: 79-14-1 Glycolic acid		
Oral	LD50	1.950 mg/kg (rat)
Inhalative	LC50/4h	3,6 mg/l (rat)
CAS: 100-51-6 Benzyl alcohol		
Oral	LD50	1.610 mg/kg (rat)
Dermal	LD50	2.000 mg/kg (rabbit)
Inhalative	LC50/4h	4,2 mg/l (rat)

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CAS: 107-98-2 1-methoxy-2-propanol		
Oral	LD50	5.660 mg/kg (rat)
Dermal	LD50	13.000 mg/kg (rabbit)
Inhalative	LC50/4h	6 mg/l (rat)

- *Skin corrosion/skin irritation*
Causes severe skin burns and eye damage
- *Serious eye damage/irritation*
Causes serious eye damage.
- *Respiratory or skin sensitisation*
Based on available data, the classification criteria are not met.
- *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*
Based on available data, the classification criteria are not met.
- *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.
- *Aspiration hazard*
Based on available data, the classification criteria are not met.

11.2 Information on other hazards

- *Endocrine disrupting properties*
The substance/mixture does not contain any components considered to have endocrine disrupting properties according to Article 57(f) of the REACH Regulation or the Delegated Regulation (EU) 2017/2100 of the Commission or of the Regulation (EU) 2018/605 of the Commission at levels equal to or higher than the 0,1%

SECTION 12: Ecological information

12.1 Toxicity

- *Aquatic toxicity*

CAS: 100-51-6 Benzyl alcohol	
EC50	400 mg/kg (daphnia)

12.2 Persistence and degradability

Easily biodegradable

12.3 Bioaccumulative potential

Non significant accumulation in organisms

12.4 Mobility in soil

No further relevant information available.

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12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Endocrine disrupting properties

The substance/mixture does not contain any components considered to have endocrine disrupting properties according to Article 57(f) of the REACH Regulation or the Delegated Regulation (EU) 2017/2100 of the Commission or of the Regulation (EU) 2018/605 of the Commission at levels equal to or higher than the 0,1%

12.7 Other adverse effects

- Additional ecological information

- General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system

Do not dispose of the undiluted or unneutralized product in waste water or drainage channels.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Recommendation

Do not discard the product or its packaging. Do not empty into drains. Recycle the product. When recycling is not possible, dispose through an authorized company in compliance with the local or national regulations. The assignment of the waste code is the user's responsibility, after determining the properties of the waste and the process generating it and after discussing it with the authorities responsible for disposal.

- Uncleaned packaging

- Recommendation:

Empty the containers before disposal. Do not reuse the emptied containers. Send the empty containers to recycling or to an authorized company in compliance with local and national regulations

- Recommended cleansing agents:

Water

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SECTION 14: Transport information

14.1 UN-Number or ID Number

- ADR, IMDG, IATA UN1760

14.2 UN proper shipping name

- ADR, 1760 CORROSIVE LIQUID, N.A.S. (glycollic acid)
- IMDG, IATA CORROSIVE LIQUID, N.O.S. (glycollic acid)

14.3 Transport hazard class(es)

- ADR, IMDG, IATA



- Class 8 Corrosive substances
Label 8

14.4 Packing group

- ADR, IMDG, IATA III

14.5 Environmental hazards:

Not applicable

14.6 Special precautions for user

Warning: Corrosive substances

- Hazard identification number (Kemler code): 80
- EMS Number: (SGG1) Acids
- Segregation groups Alkalis
- Stowage Category A
- Stowage Code SW2 Clear of living quarters

14.7 Maritime transport in bulk according to IMO instruments

Not applicable

- Transport/Additional information:

- ADR

- 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

- Transport category 3

- Tunnel restriction code E

- 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

- UN "Model Regulation": UN 1760 CORROSIVE LIQUID, N.O.S. (GLYCOLIC ACID) , 8, III

SECTION 15: Regulatory information

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

Safety data sheet prepared in accordance with Regulation 1907/2006/EC Article 31, Regulation (EU) n. 878/2020 as subsequent amendments

- Directive 2012/18/EU
- Named dangerous substances - ANNEX I
None of the ingredients is listed.
- REGULATION (EC) N.1907/2006 ANNEX XVII
Conditions of restriction: 3

15.2 Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

The data are based on our current knowledge, however they do not represent any guarantee of the characteristics of the product and do not establish any contractual legal relationship. The information provided in this Safety Data Sheet is correct according to our best knowledge of the product at the time of publication. This information is provided with the sole purpose of allowing the use, storage, transport and disposal of the product in the most correct and safe ways. This information should not be considered a guarantee or specification of the quality of the product. It refers only to the material specifically indicated and is not valid for the same when used in combination with other materials or in other processes not specifically indicated in the text of the Material Safety Data Sheet

- Relevant phrases

H226 Flammable liquid and vapour.
H302 Harmful if swallowed
H312 Harmful in contact with skin.
H314 Causes severe skin burns and eye damage.
H332 Harmful if inhaled
H336 May cause drowsiness or dizziness

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- Classification according to Regulation (EC) N.1272/2008

As required by Regulation 1272/2008/CE art. 9, the classification of this compound is based on the calculation method taken from the data of the single substances therein and from the experimental data of this compound where available (viewable in sections 9, 11 and 12 in this document).

Procedure used for the classification of the mixture

Skin Corr. 1A, H314 - Based on experimental data (Extreme pH value)

Eye Dam. 1, H318 - Calculation method

Acute Tox. 4, H332 - Calculation method

- Abbreviations and acronyms:

ADR: Accord relatif au transport international 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)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

ATE: Acute toxicity estimate values (STAtime of acute toxicity)

Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Skin Corr. 1B: Skin corrosion/irritation – Category 1B

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3