

SAFETY DATA SHEET

According to Annex II to REACH - Regulation (EU) 2020/878
and to Annex II to UK REACH

DETEPOX

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VERSION 8

REVISION 28 06 2023

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

1.1 Product identifier

- Commercial name

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UFI: **JC43-W05J-300Q-S68T**

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

- Intended use:

Cleaner for epoxy resins

- Identified uses:

Cleaner for epoxy resins

- Application of the substance / the mixture:

Floor Cleaning, Floor cleaning machine

- 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:

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

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP). However, since the product contains hazardous substances in concentrations such as to be declared in section n. 3, it requires a safety data sheet with appropriate information, compliant to (EU) Regulation 2020/878.

2.2 Label elements

- Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements
- Hazard pictograms -
- Hazard statements
EUH210 Safety data sheet available on request
- Precautionary statements: -
- Additional information:
- Regulation (EC) N. 648/2004 on detergents / Indication of content

Anionic surfactants	5% or over but less than 15%
Benzyl Alcohol	

2.3 Other hazards

- Results of PBT and vPvB assessment:

On the basis of available data, the product does not contain any PBT or vPvB in percentage $\geq$ than 0,1%.
The product does not contain substances with endocrine disrupting properties in concentration $\geq$ 0.1%.

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SECTION 3. Composition/information on ingredients

3.2 Chemical characterisation:

Mixture

- Description :

Mixture of substances listed below with non hazardous additions

- Dangerous components:

CAS: 100-51-6 CE: 202-859-9 Index number: 603-057-00-5 Reg.nr.: 01-2119492630-38-xxxx	Benzyl alcohol  Acute Tox.4, H302; Acute Tox.4, H332; ATE: LD50 oral: 1.230 mg/kg STA for inhalation: 11 mg/l	$9 \leq x \leq 15$
CAS: 107-98-2 CE: 203-539-1 Index number: 603-064-00-3 Reg.nr.: 01-2119457435-35	1-methoxy-2-propanol  Flam. Liq. 3, H226;  STOT SE 3, H336	$4,9 \leq x \leq 8,5$
CAS: 143-18-0 CE: 205-590-5	Potassium oleate Specific concentration limits: Skin Irrit. 2 H315 Eye Irrit. 2 H319	$4,9 \leq x \leq 8,5$

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

- Inhalation:

Remove to open air. In the event of breathing difficulties, get medical advice/attention immediately

- After skin contact:

Remove contaminated clothing. Wash immediately with plenty of water. If irritation persists, get medical advice/attention.
Wash contaminated clothing before using it again.

- After eye contact:

Remove contact lenses, if present. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully.
If problem persists, seek medical advice.

- Ingestion:

Get medical advice/attention. Induce vomiting only if indicated by the doctor. Never give anything by mouth to an unconscious person, unless authorised by a doctor.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact : May cause dryness

Contact with eyes: May cause irritation which can last up to 24 hours

Inhalation: No known significant effects or critical hazards

Ingestion: Irritation of the mucous membranes of the throat and stomach

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

In the event of an accident or if you feel unwell, call a doctor and show this card. There are no specific treatments

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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

- *HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE:*
Do not breathe combustion products

5.3 Advice for firefighters

- *GENERAL INFORMATION:*
Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.
- *SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS:*
Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

SECTION 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Block the leakage if there is no hazard.
Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

6.2 Environmental precautions:

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

6.3 Methods and material for containment and cleaning up:

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.
Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

6.4 Reference to other sections

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

Keep away from heat, sparks and naked flames; do not smoke or use matches or lighters. Without adequate ventilation, vapours may accumulate at ground level and, if ignited, catch fire even at a distance, with the danger of backfire. Avoid bunching of electrostatic charges. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat. Avoid leakage of the product into the environment.

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7.2. Conditions for safe storage, including any incompatibilities

Store only in the original container. Store in a cool and well ventilated place, keep far away from sources of heat, naked flames and sparks and other sources of ignition. Keep containers away from any incompatible materials, see section 10 for details.

7.3 Specific end use(s)

Information not available

SECTION 8. Exposure controls/personal protection

8.1 Control paramet

- Regulatory References:

BGR	България	НАРЕДБА № 13 ОТ 30 ДЕКЕМВРИ 2003 Г. ЗА ЗАЩИТА НА РАБОТЕЩИТЕ ОТ РИСКОВЕ, СВЪРЗАНИ С ЕКСПОЗИЦИЯ НА ХИМИЧНИ АГЕНТИ ПРИ РАБОТА (изм. ДВ. бр.5 от 17 Януари 2020г.)
CZE	Česká Republika	Nařízení vlády č. 41/2020 Sb. Nařízení vlády, kterým se mění nařízení vlády č. 361/2007 Sb., kterým se stanoví podmínky ochrany zdraví při práci, ve znění pozdějších předpisů
DEU	Deutschland	Technischen Regeln für Gefahrstoffe (TRGS 900) - Liste der Arbeitsplatzgrenzwerte und Kurzzeitwerte. MAK- und BAT-Werte-Liste 2020, Ständige Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe, Mitteilung 56
DNK	Danmark	Bekendtgørelse om grænseværdier for stoffer og materialer - BEK nr 1458 af 13/12/2019
ESP	España	Límites de exposición profesional para agentes químicos en España 2021
FRA	France	Valeurs limites d'exposition professionnelle aux agents chimiques en France. ED 984 - INRS
FIN	Suomi	HTP-VÄRDEN 2020. Koncentrationer som befunnits skadliga. SOCIAL - OCH HÄLSOVÄRDSMINISTERIETS PUBLIKATIONER 2020:25
GRC	Ελλάδα	Π.Δ. 26/2020 (ΦΕΚ 50/Α` 6.3.2020) Εναρμόνιση της ελληνικής νομοθεσίας προς τις διατάξεις των οδηγιών 2017/2398/ΕΕ, 2019/130/ΕΕ και 2019/983/ΕΕ «για την τροποποίηση της οδηγίας 2004/37/ΕΚ ``σχετικά με την προστασία των εργαζομένων από τους κινδύνους που συνδέονται με την έκθεση σε καρκινογόνους ή μεταλλαξιογόνους παράγοντες κατά την εργασία``»
HUN	Magyarország	Az innovációért és technológiáért felelős miniszter 5/2020. (II. 6.) ITM rendelete a kémiai kóroki tényezők hatásának kitett munkavállalók egészségének és biztonságának védelméről
HRV	Hrvatska	Pravilnik o izmjenama i dopunama Pravilnika o zaštiti radnika od izloženosti opasnim kemikalijama na radu, graničnim vrijednostima izloženosti i biološkim graničnim vrijednostima (NN 1/2021)
ITA	Italia	Decreto Legislativo 9 Aprile 2008, n.81
LTU	Lietuva	Jsakymas dėl lietuvis higienos normos hn 23:2011 „cheminių medžiagų profesinio poveikio ribiniai dydžiai. Matavimo ir poveikio vertinimo bendrieji reikalavimai“ patvirtinimo
NOR	Norge	Forskrift om endring i forskrift om tiltaksverdier og grenseverdier for fysiske og kjemiske faktorer i arbeidsmiljøet samt smitterisikogrupper for biologiske faktorer (forskrift om tiltaks- og grenseverdier), 21 august 2018 nr. 1255

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NLD	Nederland	Arbeidsomstandighedenregeling. Lijst van wettelijke grenswaarden op grond van de artikelen 4.3, eerste lid, en 4.16, eerste lid, van het Arbeidsomstandighedenbesluit
PRT	Portugal	Decreto-Lei n.º 1/2021 de 6 de janeiro, valores-limite de exposição profissional indicativos para os agentes químicos. Decreto-Lei n.º 35/2020 de 13 de julho, proteção dos trabalhadores contra os riscos ligados à exposição durante o trabalho a agentes cancerígenos ou mutagénicos
POL	Polska	Rozporządzenie ministra rozwoju, pracy i technologii z dnia 18 lutego 2021 r. Zmieniające rozporządzenie w sprawie najwyższych dopuszczalnych stężeń i natężeń czynników szkodliwych dla zdrowia w środowisku pracy
ROU	România	Hotărârea nr. 53/2021 pentru modificarea hotărârii guvernului nr. 1.218/2006, precum și pentru modificarea și completarea hotărârii guvernului nr. 1.093/2006
SWE	Sverige	Hygieniska gränsvärden, Arbetsmiljöverkets föreskrifter och allmänna råd om hygieniska gränsvärden (AFS 2018:1)
SVK	Slovensko	NARIADENIE VLÁDY Slovenskej republiky z 12. augusta 2020, ktorým sa mení a dopĺňa nariadenie vlády Slovenskej republiky č. 356/2006 Z. z. o ochrane zdravia zamestnancov pred rizikami súvisiacimi s expozíciou karcinogénnym a mutagénnym faktorom pri práci v znení neskorších predpisov
SVN	Slovenija	Pravilnik o varovanju delavcev pred tveganji zaradi izpostavljenosti kemičnim snovem pri delu (Uradni list RS, št. 100/01, 39/05, 53/07, 102/10, 43/11 – ZVZD-1, 38/15, 78/18 in 78/19)
GBR	United Kingdom	EH40/2005 Workplace exposure limits (Fourth Edition 2020)
EU	OEL EU	Direttiva (UE) 2022/431; Direttiva (UE) 2019/1831; Direttiva (UE) 2019/130; Direttiva (UE) 2019/983; Direttiva (UE) 2017/2398; Direttiva (UE) 2017/164; Direttiva 2009/161/UE; Direttiva 2006/15/CE; Direttiva 2004/37/CE; Direttiva 2000/39/CE; Direttiva 98/24/CE; Direttiva 91/322/CEE.
	TLV-ACGIH	ACGIH 2022

Threshold Limit Value CAS: 100-51-6 BENZYL ALCOHOL				
Tipo	Stato	TWA/8h	STEL/15min	
TLV	BGR	5 mg/m³		
TLV	CZE	40 mg/m³, 8,88 ppm	80 mg/m³, 17,76 ppm	
AGW	DEU	22 mg/m³, 5 ppm	44 mg/m³, 10 ppm	Skin 11
HTP	FIN	45 mg/m³, 10 ppm		
RD	LTU	5 mg/m³		Skin
NDS/ NDSch	POL	240 mg/m³		
MW	SVN	22 mg/m³, 5 ppm	44 mg/m³, 10 ppm	Skin
Threshold Limit Value CAS: 107-98-2 1-METHOXY-2-PROPANOL				
TLV	BGR	375 mg/m³, 100 ppm	568 mg/m³, 150 ppm	Skin
TLV	CZE	270 mg/m³, 73,17 ppm	550 mg/m³, 149,05 ppm	Skin
AGW	DEU	370 mg/m³, 100 ppm	740 mg/m³, 200 ppm	
MAK	DEU	370 mg/m³, 100 ppm	740 mg/m³, 200 ppm	

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Tipo	Stato	TWA/8h	STEL/15min
TLV	DNK	185 mg/m ³ , 50 ppm	Skin E
VLA	ESP	375 mg/m ³ , 100 ppm	568 mg/m ³ , 150 ppm Skin
VLEP	FRA	188 mg/m ³ , 50 ppm	375 mg/m ³ , 10 ppm Skin
HTP	FIN	370 mg/m ³ , 100 ppm	560 mg/m ³ , 150 ppm Skin
TLV	GRC	360 mg/m ³ , 100 ppm	1080 mg/m ³ , 300 ppm
AK	HUN	375 mg/m ³	568 mg/m ³ Skin
GVI/KGVI	HRV	375 mg/m ³ , 100 ppm	568 mg/m ³ , 150 ppm
VLEP	ITA	375 mg/m ³ , 100 ppm	568 mg/m ³ , 150 ppm Skin
RD	LTU	190 mg/m ³ , 50 ppm	300 mg/m ³ , 75 ppm Skin
TLV	NOR	180 mg/m ³ , 50 ppm	Skin
TGG	NLD	375 mg/m ³	563 mg/m ³ Skin
VLE	PRT	375 mg/m ³ , 100 ppm	568 mg/m ³ , 150 ppm
NDS/NDSch	POL	180 mg/m ³	360 mg/m ³ Skin
TLV	ROU	375 mg/m ³ , 100 ppm	568 mg/m ³ , 150 ppm Skin
NGV/KGV	SWE	190 mg/m ³ , 50 ppm	568 mg/m ³ , 150 ppm Skin
NPEL	SVK	375 mg/m ³ , 100 ppm	568 mg/m ³ , 150 ppm Skin
MV	SVN	375 mg/m ³ , 100 ppm	568 mg/m ³ , 150 ppm Skin
WEL	GBR	375 mg/m ³ , 100 ppm	560 mg/m ³ , 150 ppm Skin
OEL	EU	375 mg/m ³ , 100 ppm	568 mg/m ³ , 150 ppm Skin
TLV-ACGIH		184 mg/m ³ , 50 ppm	368 mg/m ³ , 100 ppm

PNEC - Predicted no-effect concentration

PNEC	10 mg/l (fresh water) 1 mg/l (marine water) 41,6 mg/kg (marine water sediment) 4,17 mg/l (water, intermittent release) 100 mg/l (STP microorganisms) 2,47 mg/kg (terrestrial compartment)
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DNEL/DMEL - Health - Derived no-effect level

Oral	Chronic systemic effects	33 mg/kg bw/d (professional workers)
Inhalation	Chronic systemic effects	43,9 mg/m ³ (professional workers)
	Acute systemic effects	553,5 mg/kg (professional workers)
	Acute local effects	553,5 mg/m ³ (professional workers)
Skin	Chronic systemic effects	369 mg/m ³ (professional workers)
	Chronic systemic effects	183 mg/kg bw/d (professional workers)

- Legend: (C) = CEILING ; INALAB = Inhalable Fraction ; RESPIR = Respirable Fraction ; TORAC = Thoracic Fraction.

VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified ;
LOW = low hazard ; MED = medium hazard ; HIGH = high hazard.

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8.2. Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

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

- *Skin Protection:*

Wear category I professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing

- *Respiratory protection:*

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, use a mask with a type A1. (see standard EN 14387). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required. Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited. If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

- *Environmental exposure controls:*

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards

- *Hand protection*



Protect hands with category III work gloves.

The following should be considered when choosing work glove material (see standard EN 374): compatibility, degradation, failure time and permeability.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable.

The gloves' wear time depends on the duration and type of use.

- *Material of gloves*

- Butyl (thickness 0.7 mm, permeability time > 4 hours)

- Viton (thickness 0.3 mm, permeability time > 20 hours)

- *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

- Apparence:	Liquid
- Colour:	yellowish
- Odour:	characteristic
- Odour threshold:	not available
- Melting point / freezing point:	not available
- Boiling point or initial boiling point and boiling range	100 °C
- Flammability	not applicable
- Lower and upper explosion limit	
- Lower:	not available
- Upper:	not available
- Flash point:	70°C
- Auto-ignition temperature:	not available
- Decomposition temperature:	not available
- pH at 20 °C	10,9 - 11,1
- Kinematic viscosity	not available
- Solubility	not available
- Partition coefficient n-octanol/water (log value)	not available
- Vapour pressure :	not available
- Density and/or relative density	1.01 g/cm ³
- Relative vapour density	not available
- Particle characteristics	not applicable

9.2 Other information

9.2.1. Information with regard to physical hazard classes

Information not available

9.2.2. - Other safety characteristics

VOC (Directive 2010/75/EU) 21,00 % - 210,00 g/litre

VOC (volatile carbon) 14,84 % - 148,40 g/litre

SECTION 10. Stability and reactivity

10.1 Reactivity

There are no particular risks of reaction with other substances in normal conditions of use.

BENZYL ALCOHOL

Decomposes at temperatures above 870°C/1598°F. Possibility of explosion.

1-METHOXY-2-PROPANOL

Dissolves various plastic materials. Stable in normal conditions of use and storage.

Absorbs and dissolves in water and organic solvents. With air it may slowly give off explosive peroxides.

10.2 Chemical stability

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

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10.3 10.3. Possibility of hazardous reactions

The vapours may also form explosive mixtures with the air.

BENZYL ALCOHOL

May react dangerously with: hydrobromic acid, iron, oxidising agents, sulphuric acid. Risk of explosion on contact with: phosphorus trichloride

1-METHOXY-2-PROPANOL

May react dangerously with: strong oxidising agents, strong acids.

10.4 Conditions to avoid

Avoid overheating. Avoid bunching of electrostatic charges. Avoid all sources of ignition.

BENZYL ALCOHOL

Avoid exposure to: air, sources of heat, naked flames

1-METHOXY-2-PROPANOL

Avoid exposure to: air.

10.5 Incompatible materials

BENZYL ALCOHOL

Incompatible with: sulphuric acid, oxidising substances, aluminium.

1-METHOXY-2-PROPANOL

Incompatible with: oxidising substances, strong acids, alkaline metals.

1.6 Hazardous decomposition products

In the event of thermal decomposition or fire, gases and vapours that are potentially dangerous to health may be released.

SECTION 11. Toxicological information

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification. It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

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

- *Metabolism, toxicokinetics, mechanism of action and other information*

Information not available

- *Information on likely routes of exposure*

1-METHOXY-2-PROPANOL

WORKERS: inhalation; contact with the skin.

POPULATION: ingestion of contaminated food or water; room air inhalation; skin contact with products containing the substance.

- *Delayed and immediate effects as well as chronic effects from short and long-term exposure*

1-METHOXY-2-PROPANOL

The main way of entry is the skin, while the respiratory one is less important, given the low vapor pressure of the product. Above 100 ppm there is irritation of the ocular, nasal and oropharyngeal mucous membranes. At 1000 ppm there are disturbances in balance and severe eye irritation. Clinical and biological tests performed on exposed volunteers revealed no abnormalities. The acetate produces greater skin and eye irritation by direct contact. Chronic effects on humans are not reported.

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- *Interactive effects*

Information not available

- *ACUTE TOXICITY*

Oral	ATE	> 2000 mg/kg
Dermal	ATE	Not classified (no significant component)
Inhalation	ATE	> 20 mg/l
CAS: 100-51-6 - Benzyl Alcohol		
Oral	LD50	1230 mg/kg (Rat)
Dermal	LD50	2000 mg/kg (Rabbit)
Inhalation	LC50	> 4,1 mg/l/4h (Rat)
Inhalation	STA	11 mg/l estimate from table 3.1.2 of Annex I of the CLP
CAS: 107-98-2 1-methoxy-2-propanol		
Oral	LD50	5300 mg/kg (Rat)
Dermal	LD50	13000 mg/kg (Rabbit)
Inhalation	LC50	54,6 mg/l/4h (Rat)

- *Skin corrosion/skin irritatio*

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

- *Serious eye damage/irritation*

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

- *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

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.

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SECTION 12. Ecological information

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

12.1 Toxicity

- Aquatic toxicity

CAS: 107-98-2 1-methoxy-2-propanol	
LC50	20800 mg/l/96h (for Fish)
EC50	21100 mg/l/48h (for Crustacea)

12.2 Persistence and degradability

BENZYL ALCOHOL
Rapidly degradable

1-METHOXY-2-PROPANOL
Solubility in water 1000 - 10000 mg/l
Rapidly degradable

12.3 Bioaccumulative potential

BENZYL ALCOHOL
Partition coefficient: n-octanol/water 1,1

1-METHOXY-2-PROPANOL
Partition coefficient: n-octanol/water < 1

12.4 Mobility in soil

Information not available

12.5 Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage $\geq$ than 0,1%.

12.6 Endocrine disrupting properties

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.

12.7 Other adverse effects

Information not available

SECTION 13. Disposal considerations

13.1 Waste treatment methods

Reuse, when possible. Neat product residues should be considered special non-hazardous waste.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations..

- Contaminated packaging:

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

SAFETY DATA SHEET

According to Annex II to REACH - Regulation (EU) 2020/878
and to Annex II to UK REACH

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SECTION 14. Transport information

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

14.1 UN number or ID number	not applicable
14.2 UN proper shipping name	not applicable
14.3 Transport hazard class(es)	not applicable
14.4 Packing group	not applicable
14.5 Environmental hazards:	not applicable
14.6 Special precautions for user	not applicable
14.7 Maritime transport in bulk according to IMO instruments	not applicable

SECTION 15: Regulatory information

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

Seveso Category - Directive 2012/18/EU: None

- Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006

- *Product* Point 40

- *Contained sub*
Point 75

- *Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors*
not applicable

- *Substances in Candidate List (Art. 59 REACH)*
On the basis of available data, the product does not contain any SVHC in percentage $\geq$ than 0,1%.

- *Substances subject to authorisation (Annex XIV REACH)*
None

- *Substances subject to exportation reporting pursuant to Regulation (EU) 649/2012:*
None

- *Substances subject to the Rotterdam Convention:*
None

- *Substances subject to the Stockholm Convention:*
None

- *Healthcare controls:*
Information not available

- *German regulation on the classification of substances hazardous to water (AwSV, vom 18. April 2017)*
WGK 3: Severe hazard to waters

SAFETY DATA SHEET

According to Annex II to REACH - Regulation (EU) 2020/878
and to Annex II to UK REACH

DETEPOX

15.2. Chemical safety assessment

A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.

SECTION 16. Other information

- *Text of hazard (H) indications mentioned in section 2-3 of the sheet:*

Flam. Liq. 3	Flammable liquid, category 3
Acute Tox. 4	Acute toxicity, category 4
Eye Irrit. 2	Eye irritation, category 2
Skin Irrit. 2	Skin irritation, category 2
STOT SE 3	Specific target organ toxicity - single exposure, category 3
H226	Flammable liquid and vapour.
H302	Harmful if swallowed
H332	Harmful if inhaled
H319	Causes serious eye irritation
H315	Causes skin irritation
H336	May cause drowsiness or dizziness
EUH210	Safety data sheet available on request.

- *Legend:*

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- ATE: Acute Toxicity Estimate
- CAS: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE: Identifier in ESIS (European archive of existing substances)
- CLP: Regulation (EC) 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: Regulation (EC) 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA: Time-weighted average exposure limit
- TWA STEL: Short-term exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- WGK: Water hazard classes (German).

SAFETY DATA SHEET

According to Annex II to REACH - Regulation (EU) 2020/878
and to Annex II to UK REACH

DETEPOX

- GENERAL BIBLIOGRAPHY

1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
 2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
 3. Regulation (EU) 2020/878 (II Annex of REACH Regulation)
 4. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
 5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
 6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
 7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
 8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
 9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
 10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
 11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
 12. Regulation (EU) 2016/1179 (IX Atp. CLP)
 13. Regulation (EU) 2017/776 (X Atp. CLP)
 14. Regulation (EU) 2018/669 (XI Atp. CLP)
 15. Regulation (EU) 2019/521 (XII Atp. CLP)
 16. Delegated Regulation (UE) 2018/1480 (XIII Atp. CLP)
 17. Regulation (EU) 2019/1148
 18. Delegated Regulation (UE) 2020/217 (XIV Atp. CLP)
 19. Delegated Regulation (UE) 2020/1182 (XV Atp. CLP)
 20. Delegated Regulation (UE) 2021/643 (XVI Atp. CLP)
 21. Delegated Regulation (UE) 2021/849 (XVII Atp. CLP)
 22. Delegated Regulation (UE) 2022/692 (XVIII Atp. CLP)
- The Merck Index. - 10th Edition
 - Handling Chemical Safety
 - INRS - Fiche Toxicologique (toxicological sheet)
 - Patty - Industrial Hygiene and Toxicology
 - N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
 - IFA GESTIS website
 - ECHA website
 - Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy

- Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version.

Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility,

comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

- CALCULATION METHODS FOR CLASSIFICATION:

Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2.

The data for evaluation of chemical-physical properties are reported in section 9.

Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined

otherwise in Section 11. Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.