

# SAFETY DATA SHEET

According to Regulation (EU) No 2020/878

## SECTION 1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier

Product name : MISCEA TUBE CLEANSE  
Product code : A002481  
UFI : 5NP1-10CC-100U-656R  
Authorisation number :

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

Application : SU22 Professional use. Institutional use. PC35 Cleaning agent. PC8 Biocide. PT2 Disinfectants and algacides not intended for direct application to humans or animals.

### 1.3. Details of the supplier of the safety data sheet

Supplier : Miscea GmbH  
Hauptstrasse 2  
14979 Grossbeeren, Germany  
E-mail : info@miscea.com

### 1.4. Emergency telephone number

EMERGENCY TELEPHONE NUMBER, for DOCTORS/FIRE BRIGADE/POLICE only:

DE - Telephone : (24/7)

## SECTION 2 HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

CLP classification : Flammable liquid, category 2. Eye irritation, category 2.  
(1272/2008/EC)

Human health hazards : Causes serious eye irritation.

Physical/chemical hazards : Highly flammable. Keep away from sources of ignition — No smoking.

Environmental hazards : Not classified as dangerous according to statutory EC-Directives.

### 2.2. Label elements

Label elements ((EU) 1272/2008):

Hazard pictograms :



Signal word : Danger

H- and P-phrases : H225 Highly flammable liquid and vapour.  
H319 Causes serious eye irritation.  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P233 Keep container tightly closed.  
P403+P235 Store in a well-ventilated place. Keep cool.

### 2.3. Other hazards

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Other information : Does not contain PBT or vPvB substances. Human health: This product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Regulation (EU) 2017/2100 or Regulation (EU) 2018/605. Environment: This product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Regulation (EU) 2017/2100 or Regulation (EU) 2018/605.

## SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

### 3.2. Mixtures

Product description : Mixture.

Information on hazardous substances:

Substance name	Concentration (w/w) (%)	CAS nr.	EC number	Remark	REACH nr.
Ethanol	50 - 75	64-17-5	200-578-6		01-2119457610-43
Propan-2-ol	1 - < 5	67-63-0	200-661-7		01-2119457558-25
Propylene glycol	0,1 - < 1	57-55-6	200-338-0	[1]	01-2119456809-23
Glycerol	0,1 - < 1	56-81-5	200-289-5	[1]	

Substance name	Hazard Class	H-phrases	Pictograms	
Ethanol	Flam. Liq. 2; Eye Irrit. 2	H225; H319	GHS02; GHS07	H319 : C >= 50 %
Propan-2-ol	Flam. Liq. 2; Eye Irrit. 2; STOT SE 3	H225; H319; H336	GHS02; GHS07	
Propylene glycol	-----	-----	-----	
Glycerol	-----	-----	-----	

[1] Non classified substance for which a legal or recommended limit value applies. Occupational exposure limit(s), if relevant, are listed in section 8.

Reference is made to chapter 16 for full text of each relevant H phrase.

## SECTION 4 FIRST-AID MEASURES

### 4.1. Description of first aid measures

First aid measures

- Inhalation : Move victim into fresh air. Consult a doctor if victim feels unwell.
- Skin contact : Take off contaminated clothing. Wash off skin with plenty of water and soap before product dries up.
- Eye contact : Wash out with (lukewarm) water. Remove contact lenses. Consult a doctor.
- Ingestion : Do not induce vomiting. Do rinse the mouth. Give one glass of water. Never give anything by mouth to an unconscious person. Consult a doctor if victim feels unwell.

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

Effects and symptoms

- Inhalation : May cause headache, dizziness and a feeling of sickness.
- Skin contact : May cause dry skin.
- Eye contact : Irritant. May cause redness and pain.
- Ingestion : May cause a feeling of sickness, vomiting and diarrhoea.

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

Note to physicians : None known.

## SECTION 5 FIRE-FIGHTING MEASURES

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## 5.1. Extinguishing media

Extinguishing media

- Suitable : Carbondioxide (CO2). Alcohol resistant foam. Dry chemical. Water fog.
- Not suitable : Water jet. Use of heavy stream of water may spread fire.

## 5.2. Special hazards arising from the substance or mixture

- Special exposure hazards : None known.
- Hazardous thermal decomposition and combustion products : Carbon monoxide may be evolved if incomplete combustion occurs.

## 5.3. Advice for firefighters

- Special protective equipment for fire-fighters : Use adequate respiratory equipment in case of insufficient ventilation.

## SECTION 6 ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

- Personal precautions : Danger of slipping. Clean up spills immediately. Wear shoes with non-slip soles. Avoid contact with spilled or released material. Keep away from sources of ignition — No smoking. Vapours are heavier than air. Build up (of gasses) in low areas involves risk of suffocation.

### 6.2. Environmental precautions

- Environmental precautions : Avoid release of product into sewers, surface water and/or ground water. In case of large spills: contain with dike. Due to the products biocidal activity, large scale discharge may impair the biological system in sewage plants. Inform the official bodies if necessary.
- Other information : Notify authorities if any exposure to the general public or the environment occurs or is likely to occur.

### 6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Collect spilled material in containers. Absorb residues in sand or other inert material. Dispose at an authorised waste collection point. Wash away remainder with plenty of water and soap.

### 6.4. Reference to other sections

- Reference to other sections : See also section 8.

## SECTION 7 HANDLING AND STORAGE

### 7.1. Precautions for safe handling

- Handling : Handle in accordance with good occupational hygiene and safety practices in well-ventilated areas. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Electrostatic discharge may cause fire. Ensure electrical continuity by bonding and grounding (earthing) all equipment. Do not breathe vapour. Avoid contact with eyes and unnecessary contact to skin.

### 7.2. Conditions for safe storage, including any incompatibilities

- Storage : Keep in a cool, dry and well-ventilated place (< 35 °C). Protect from sunlight. Keep away from oxidizing agents. Keep away from food, drink and animal feedingstuffs.
- Recommended packaging : Keep only in the original container.

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Non recommended packaging : Steel (except stainless steel).

### 7.3. Specific end use(s)

Use : Use biocides safely. Always read the label and product information before use. Do not mix with other products.

## SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Occupational exposure limits : Occupational exposure limits have not been established for this product. Derived no-effect levels (DNEL) have not been established for this product. Predicted no-effect concentrations (PNEC) have not been established for this product.

Workplace exposure limits (mg/m<sup>3</sup>):

Chemical name	Country	TWA 8 hour (mg/m <sup>3</sup> )	STEL 15 min (mg/m <sup>3</sup> )	Comments	Source
Ethanol	GB	260 1920	1900	-	MAC: NL
Propan-2-ol	GB	999	1250	-	
Propylene glycol	GB	474	-	Total Vapour and Particulates	EH40/2005 Workplace exposure limits, 2020
		474	-		
Glycerol	GB	10 10	-	Mist Mist	MAC: EE, GR, ES, PL, BE, GB, FR.

Biological limit values (BMGV):

Substance	Country	Determinant	BMG-value	Specimen/Sampling Time/Remarks
			None known.	

Abbreviations BMG-list : B = Blood. U = Urine. b = At the end of the period of exposure. d = pre-shift.

Source : EH40/2005 (Fourth edition, 2020).

Derived no-effect level (DNEL) for workers:

Chemical name	Route of exposure	DNEL, short-term		DNEL, long-term	
		Local effect	Systemic effect	Local effect	Systemic effect
Ethanol	Inhalation	1900 mg/m <sup>3</sup>			950 mg/m <sup>3</sup>
	Dermal				343 mg/kg bw/day
Propan-2-ol	Dermal				888 mg/kg bw/day
	Inhalation				500 mg/m <sup>3</sup>
Propylene glycol	Inhalation			10 mg/m <sup>3</sup>	168 mg/m <sup>3</sup>
Glycerol	Inhalation			56 mg/m <sup>3</sup>	

Derived no-effect level (DNEL) for consumers:

Chemical name	Route of exposure	DNEL, short-term		DNEL, long-term	
		Local effect	Systemic effect	Local effect	Systemic effect
Ethanol	Inhalation	950 mg/m <sup>3</sup>			114 mg/m <sup>3</sup>
	Dermal				206 mg/kg bw/day
	Oral				87 mg/kg bw/day
Propan-2-ol	Dermal				319 mg/kg bw/day
	Inhalation				89 mg/m <sup>3</sup>

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Propylene glycol Glycerol	Oral	33 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	26 mg/kg bw/day
	Inhalation			50 mg/m <sup>3</sup>
	Inhalation			
	Oral			229 mg/kg bw/day

Predicted no-effect concentration (PNEC):

Chemical name	Route of exposure	Fresh water	Marine water	
Ethanol	Water	0,96 mg/l	0,79 mg/l	
	Sediment	3,6 mg/kg	2,9 mg/kg	
	Intermittent water			2,75 mg/l
	STP			580 mg/l
	Soil			0,63 mg/kg
Propan-2-ol	Oral			0,72 mg/kg food
	Water	140,9 mg/l	140,9 mg/l	
	Sediment	552 mg/kg	552 mg/kg	
	Intermittent water			140,9 mg/l
	STP			2251 mg/l
Propylene glycol	Soil			28 mg/kg
	Oral			160 mg/kg food
	Water	260 mg/l	26 mg/l	
	Sediment	572 mg/kg	57,2 mg/kg	
	Intermittent water			183 mg/l
Glycerol	STP			20000 mg/l
	Soil			50 mg/kg
	Oral			1133 mg/kg food
	Water	0,885 mg/l	0,0885 mg/l	
	Sediment	3,3 mg/kg	0,33 mg/kg	
	Intermittent water			8,85 mg/l
	STP			1000 mg/l
	Soil			0,141 mg/kg

## 8.2. Exposure controls

Engineering measures : Use only in well-ventilated areas. Comply with standard precautionary measures for working with chemicals.

Hygienic measures : When using do not eat, drink or smoke.

Personal protective equipment:

The efficiency of personal protective equipment depends among other things on temperature and degree of ventilation. Always get professional advice for the particular local situation.

Body protection : Use of specific protective industrial clothing is not required under normal conditions of use.

Respiratory protection : Take care of sufficient ventilation. Wear suitable respiratory protection in case of large scale exposure. Suitable: gas filter type A (brown), class I or higher on e.g. a facemask in accordance with EN 140.

Hand protection : Under normal conditions of use specific gloves are not required. Wear appropriate gloves in case of frequent or prolonged use and in case of large scale exposure. Suitable material: nitril. ± 0,5 mm. Indication of permeation breakthrough time: 6 hours.

Eye protection : Wear appropriate safety glasses with side shields, in accordance with EN 166, when there is danger of possible eye contact.

Environmental exposure controls : Avoid release to the environment.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Physical state : Liquid.

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Colour	: Colourless.	
Odour	: Characteristic.	
Odour threshold	: Not known.	
pH	: 6,5	
Solubility in water	: Soluble.	
Partition coefficient (n-octanol/water)	: Not known.	Not measured. Not relevant for mixtures.
Flash point	: 21 °C	
Flammability	: Highly flammable.	
Auto ignition temperature	: > 370 °C	
Boiling point/boiling range	: 78 °C	
Melting point/melting range	: < -20 °C	
Explosive properties	: Not explosive.	
Explosion limits (% in air)	: Not known.	Lower explosion limit in air (%): 2 ( Propan-2-ol ) Upper explosion limit in air (%): 19 ( Ethanol )
Oxidising properties	: Not applicable.	Does not contain oxidizing substances.
Decomposition temperature	: Not applicable.	
Viscosity (20°C)	: 1 mm <sup>2</sup> /sec	(1 mm <sup>2</sup> /sec = 1cSt)
Viscosity (40°C)	: < 20,5 mm <sup>2</sup> /sec	
Vapour pressure (20°C)	: 5600 Pa	
Relative vapour density	: Not known	(air = 1)
Relative density (20°C)	: 0,87 g/ml	
Particle characteristics	: Not applicable.	Liquid.

## 9.2. Other information

Other information : Not relevant.

## SECTION 10 STABILITY AND REACTIVITY

### 10.1. Reactivity

Reactivity : See sub-sections below.

### 10.2. Chemical stability

Stability : Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Reactivity : No other hazardous reactions known.

### 10.4. Conditions to avoid

Conditions to avoid : See section 7.

### 10.5. Incompatible materials

Materials to avoid : Keep away from oxidizing agents.

### 10.6. Hazardous decomposition products

Hazardous decomposition products : Not known.

## SECTION 11 TOXICOLOGICAL INFORMATION

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

No toxicological research has been carried out on this product.

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## Inhalation

- Acute toxicity : Calculated LC50: > 10 mg/l. Ingredients of unknown toxicity: < 1 %. ATE: > 5 mg/l. Low toxicity. Not classified - based on available data, the classification criteria are not met. May cause headache, dizziness and a feeling of sickness.
- Corrosion/irritation : Not classified - based on available data, the classification criteria are not met.
- Sensitisation : Does not contain substances classified as respiratory sensitiser. Not classified - based on available data, the classification criteria are not met.
- Carcinogenicity : Not classified - based on available data, the classification criteria are not met.
- Mutagenicity : Does not contain mutagenic substances. Not classified - based on available data, the classification criteria are not met.

## Skin contact

- Acute toxicity : Calculated LD50: > 5000 mg/kg.bw. Ingredients of unknown toxicity: < 1 %. ATE: > 5000 mg/kg.bw. Low toxicity. Not classified - based on available data, the classification criteria are not met.
- Corrosion/irritation : Prolonged contact may dry out and defat the skin. Not classified - based on available data, the classification criteria are not met.
- Sensitisation : Does not contain skin sensitisers. Not classified - based on available data, the classification criteria are not met.
- Mutagenicity : Does not contain mutagenic substances. Not classified - based on available data, the classification criteria are not met.

## Eye contact

- Corrosion/irritation : Irritant.

## Ingestion

- Acute toxicity : Calculated LD50: > 5000 mg/kg.bw. Ingredients of unknown toxicity: < 1 %. ATE: > 2000 mg/kg.bw. Low toxicity. Not classified - based on available data, the classification criteria are not met. May cause hampered eyesight.
- Aspiration : Not classified - based on available data, the classification criteria are not met. Does not contain substances with an aspiration hazard.
- Corrosion/irritation : No specific effects and/or symptoms are known.
- Carcinogenicity : Not classified - based on available data, the classification criteria are not met.
- Mutagenicity : Does not contain mutagenic substances. Not classified - based on available data, the classification criteria are not met.
- Reprotoxicity : Development: Not expected to be reprotoxic. Development: Not classified - Based on available data, the classification criteria are not met. Fertility: not expected to be reprotoxic. Fertility: Not classified - based on available data, the classification criteria are not met.
- Target organ toxicity (SE) : No specific effects and/or symptoms are known.
- Target organ toxicity (RE) : No specific effects and/or symptoms are known.

## Toxicological information:

Chemical name	Property		Method	Test animal
Ethanol	Mutagenicity	Negative	OECD 471	Salmonella typhimurium
	Genotoxicity - in vitro	Not genotoxic	OECD 476	
	Genotoxicity - in vivo	Not genotoxic	OECD 478	Mouse
	NOEL (carcinogenicity, oral)	> 4400 mg/kg bw/d		Mouse
	Eye irritation	Irritant	OECD 405	Rabbit
	LC50 (inhalation)	> 99999 mg/m3	OECD 403	Rat
	LD50 (oral)	10470 mg/kg bw	OECD 401	Rat
	NOAEL (development, oral)	6400 mg/kg bw/d		
	Skin sensitisation	Not sensitizing	OECD 406	Guinea pig
	NOAEL (fertility, oral)	20000 mg/kg bw/d	OECD 415	Rat
	NOAEL (oral)	2400 mg/kg bw/d		Rat
	NOAEL (inhalation)	23000 mg/m3		Rat
	LD50 (dermal)	15800 mg/kg bw	-----	Rabbit

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Propan-2-ol	Skin irritation	Non-irritant	-----	Rabbit
	LD50 (oral)	5840 mg/kg bw	OECD 401	Rat
	LD50 (dermal)	12800 mg/kg bw	-----	Rat
	LC50 (inhalation)	46600 mg/m3	-----	Rat
	Skin irritation	Slightly irritant	OECD 404	Rabbit
	Eye irritation	Irritant	OECD 405	Rabbit
	NOAEL (fertility, oral)	853 mg/kg bw/d	OECD 415	Rat
	NOAEL (development, oral)	596 mg/kg bw/d	OECD 414	Rat
	NOEL (carcinogenicity, oral)	Not carcinogenic	OECD 416	Rat
	Skin sensitisation	Not sensitizing	OECD 406	Guinea pig
	Mutagenicity	Negative	OECD 471	
	NOAEL (inhalation)	12500 mg/m3	OECD 451	Rat
	Genotoxicity - in vivo	Not genotoxic	OECD 474	Mouse
	NOEL (carcinogenicity, inh.)	12500 mg/m3		Mouse
	Genotoxicity - in vitro	Not genotoxic	OECD 476	
	NOAEL (oral)	870 mg/kg bw/d	-----	Rat

## 11.2. Information on other hazards

Endocrine disrupting properties : This product does not contain components considered to have endocrine disrupting properties.  
Other information : Not applicable.

## SECTION 12 ECOLOGICAL INFORMATION

### 12.1. Toxicity

No ecotoxicological research has been carried out on this product.

Ecotoxicity : Calculated LC50 (fish): 19314 mg/l. Calculated EC50 (waterflea): 7290 mg/l. Contains 0 % of components with unknown hazards to the aquatic environment. Not classified - based on available data, the classification criteria are not met.

### 12.2. Persistence and degradability

Persistence – degradability : No specific information known.

### 12.3. Bioaccumulative potential

Bioaccumulative potential : No specific information known.

### 12.4. Mobility in soil

Mobility : If product enters soil, it will be highly mobile and may contaminate groundwater.

### 12.5. Results of PBT and vPvB assessment

PBT/vPvB assessment : Does not contain PBT or vPvB substances.

### 12.6. Endocrine disrupting properties

Endocrine disrupting properties : This product does not contain components considered to have endocrine disrupting properties.

### 12.7. Other adverse effects

Other adverse effects : Not applicable.

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## SECTION 13 DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

- Product residues : Do not dispose empty pack with waste produced by households. Containers may be recycled. Treat product residues and non-empty pack as hazardous waste.
- Additional warning : Residues may cause an explosion hazard. Do not puncture, cut or weld uncleaned drums.
- Waste water discharge : Do not dispose of into the environment, drains, sewers or water courses.
- European waste catalogue : Dispose hazardous waste in accordance with Directive 91/689/EEC under acknowledgement of a waste code according to Commission Decision 2000/532/EC to an official chemical waste depot.
- Local legislation : Disposal should be in accordance with applicable regional, national, and local laws and regulations. Local regulations may be more stringent than regional or national requirements and must be complied with.

## SECTION 14 TRANSPORT INFORMATION

### 14.1. UN number or ID number

UN nr. : UN 1987

### 14.2. UN proper shipping name

Transport name : ALCOHOLS, N.O.S. ( Ethanol ; Propan-2-ol )  
Transport name (IMDG, : ALCOHOLS, N.O.S. ( Ethanol ; Propan-2-ol )  
IATA)

### 14.3/14.4/14.5. Transport hazard class(es)/Packing group/Environmental hazards

ADR/RID/ADN (road/railway/inland waterways)

Class : 3  
Classification code : F1  
Packaging group : II  
Danger label : 3  
Tunnel restriction : D/E  
code



Other information : Not intended for carriage by tank-vessels on inland waterways.

IMDG (sea)

Class : 3  
Packaging group : II  
EmS (fire / spill) : F - E / S - D  
Marine pollutant : No

IATA (air)

Class : 3  
ERG code : 3L

### 14.6. Special precautions for user

Other information : Country specific variations may apply. It is possible that a "Limited Quantity" exemption applies to the transport of this product.

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## 14.7. Maritime transport in bulk according to IMO instruments

Marpol : Not intended to be carried in bulk according to International Maritime Organisation (IMO) instruments. Packaged liquids are not considered bulk.

## SECTION 15 REGULATORY INFORMATION

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

Community regulations : Regulation (EU) No 2020/878 (REACH), Regulation (EC) No 1272/2008 (CLP), Regulations (EU) No 528/2012 (biocides) and other regulations. Directive 2008/98/EC (waste).

PIC Regulation : Does not contain substances listed on the PIC list (Regulation EU 649/2012).  
POP Regulation : Does not contain substances listed on the POP list (Regulation EU 2019/1021).  
Ozone Regulation : Does not contain substances listed on the Ozone Depletion list (Regulation EU 1005/2009).  
Explosives Precursors Regulation : Does not contain substances listed on the Explosives Precursors list (Regulation EU 2019/1148).  
Drug Precursors Regulation : Does not contain substances listed on the Drug Precursors list (Regulation EC 273/2004).

SEVESO III Directive 2012/18/EU  
Hazard code : P5b  
Hazard category : Flammable liquids  
Qualifying quantity : 50 (tonnes) - lower  
Qualifying quantity : 200 (tonnes) - upper

Ingredient declaration according to Regulation EC 648/2004:

Contains:	Concentration (%)
Disinfectants	

Labelling in accordance with Regulations (EU) No 528/2012.

Application : PT2 Disinfectants and algacides not intended for direct application to humans or animals.  
: Liquid. Contains: 672 g/kg Ethanol .

Directions for use and dosage : Dosage 30 – 40 ml per application. . For professional use only.

### 15.2. Chemical safety assessment

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

## SECTION 16 OTHER INFORMATION

### 16.1. Other information

The information in this safety data sheet is compiled in compliance with Regulation (EU) No 2020/878 dated 18 June 2020 and accurate to the best of our knowledge and experience at the date of issue specified. It is the user's obligation to use this product safely and to comply with all applicable laws and regulations concerning the use of the product. This safety data sheet complements the technical information sheets but does not replace them and offers no warranty with regard to product properties.

Users are also forewarned for any hazards involved when the product is used for other purposes than those for which it is designed.

Changed or new information with regard to the previous release is indicated with an asterisk (\*).

List of abbreviations and acronyms that could be used (but not necessarily are used) in this safety data sheet:

ADR : European Agreement concerning the International Carriage of Dangerous Goods by Road  
ATE : Acute Toxicity Estimate

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CLP	: Classification, Labeling & Packaging
CMR	: Carcinogenic, Mutagenic or toxic for Reproduction
EEC	: European Economic Community
GHS	: Globally Harmonized System of Classification and Labelling of Chemicals
IATA	: International Air Transport Association
IBC code	: The IMO International Code for construction and equipment of ships carrying dangerous chemicals in bulk.
IMDG	: International Maritime Dangerous Goods Code
LD50/LC50	: Lethal Dose/Concentration for 50% of a population
MAC	: Maximum Allowable Concentration
MARPOL	: International Convention for the Prevention of Pollution From Ships
NO(A)EL	: No Observed (Adverse) Effect Level
OECD	: Organisation for Economic Co-operation and Development
PBT	: Persistent, Bioaccumulative and Toxic
PC	: Chemical product category
PIC	: The Prior Informed Consent procedure for the import and export of certain hazardous chemicals and pesticides.
POP	: Persistent organic pollutants
PT	: Product type
REACH	: Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	: Regulations concerning the International Carriage of Dangerous Goods by Rail
STP	: Sewage Treatment Plant
SU	: Sector of Use
TWA/STEL	: Time-Weighted Average/Short Term Exposure Limit
UN	: United Nations
UFI	: Unique formula identifier
VOC	: Volatile Organic Compounds
vPvB	: Very Persistent and Very Bioaccumulative

Key data used to compile the Safety Data Sheet are from, but not limited to, one or more sources of information e.g. toxicological data from material suppliers, CONCAWE, IFRA, CESIO, Regulation EG 1272/2008, etc.

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008:

Flam. Liq. 2	: Expert judgement.
Eye Irrit. 2	: Calculation method.

Full text of hazard classes mentioned in section 3:

Flam. Liq. 2	: Flammable liquid, category 2.
Eye Irrit. 2	: Eye irritation, category 2.
STOT SE 3	: Specific target organ toxicity after single exposure, category 3.

Full text of H-phrases mentioned in section 3:

H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

Advice on any training appropriate for workers: none.

Country / Language code	: EC / EN
Number format	: ", " used as decimal separator.

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End of safety data sheet.