

# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 28/02/2014 Revision date: 25/10/2022 Supersedes version of: 11/02/2016 Version: 3.0

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

# 1.1. Product identifier

Product form	
Trade name	
Product code	
Product group	

:	Mixture
·	SANITIZER

- : 295026
- : Trade product

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

#### 1.2.1. Relevant identified uses

Intended for general public	
Main use category	: Consumer use, Professional use
Use of the substance/mixture	: Non-oxidising product with low environmental impact for the elimination of the bacterial load present in underfloor heating systems.

#### 1.2.2. Uses advised against

No additional information available

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

VIRAX SAS 39, quai Marne - CS 40197 FR- 51206 EPERNAY Cedex T +33 (0)3 26 59 56 56 - F +33 (0)3 26 59 56 60 hse@virax.com

### **1.4. Emergency telephone number**

Country	Organisation/Company	Address	Emergency number	Comment
United Kingdom	NHS 111/NHS 24/NHS Direct		111	or call a doctor
			0845 4647	

H318

### **SECTION 2: Hazards identification**

#### 2.1. Classification of the substance or mixture

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

Serious eye damage/eye irritation, Category 1

Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

Causes serious eye damage.

## 2.2. Label elements

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

Hazard pictograms (CLP)

GHS05
: Danger
: (ethylenedioxy)dimethanol
: H318 - Causes serious eye damage.
: P102 - Keep out of reach of children.
P280 - Wear eye protection, face protection.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove
contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a doctor.
: Not applicable
: Not applicable

# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

## 2.3. Other hazards

PBT: not yet assessed vPvB: not yet assessed Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
(ethylenedioxy)dimethanol	CAS-No.: 3586-55-8 EC-No.: 222-720-6	≥ 8,5 - < 10	Acute Tox. 4 (Oral), H302 (ATE=722 mg/kg bodyweight) Skin Irrit. 2, H315 Eye Dam. 1, H318
formaldehyde% (Note B)(Note D)	CAS-No.: 50-00-0 EC-No.: 200-001-8 EC Index-No.: 605-001-00-5	≥ 0 - < 0,05	Acute Tox. 3 (Oral), H301 (ATE=100 mg/kg bodyweight) Acute Tox. 3 (Dermal), H311 (ATE=300 mg/kg bodyweight) Acute Tox. 3 (Inhalation), H331 (ATE=0,5 mg/l/4h) Skin Corr. 1B, H314 Skin Sens. 1, H317 Muta. 2, H341 Carc. 1B, H350

Name	Product identifier	Specific concentration limits
formaldehyde%	CAS-No.: 50-00-0	( 0,2 ≤C ≤ 100) Skin Sens. 1, H317
	EC-No.: 200-001-8	( 5 ≤C < 25) Eye Irrit. 2, H319
	EC Index-No.: 605-001-00-5	( 5 ≤C < 25) Skin Irrit. 2, H315
		( 5 ≤C ≤ 100) STOT SE 3, H335
		( 25 ≤C ≤ 100) Skin Corr. 1B, H314

Note B : Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations. In Part 3 entries with Note B have a general designation of the following type: 'nitric acid ... %'. In this case the supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a weight/weight basis.

Note D : Certain substances which are susceptible to spontaneous polymerisation or decomposition are generally placed on the market in a stabilised form. It is in this form that they are listed in Part 3. However, such substances are sometimes placed on the market in a non-stabilised form. In this case, the supplier must state on the label the name of the substance followed by the words 'non-stabilised'. Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures			
4.1. Description of first aid measures			
First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).		
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air. Call a physician immediately. If breathing stops, give artificial respiration.		
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Call a physician immediately. Wash skin with plenty of water.		

# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

First-aid measures after eye contact	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Continue to rinse eye with clean water for 20-30 minutes, retracting eyelids often. Call a physician immediately.
First-aid measures after ingestion	: Drink plenty of water. Obtain emergency medical attention. Do not induce vomiting without medical advice. Rinse mouth. Call a poison center or a doctor if you feel unwell.
4.2 Most important symptoms and effects	both acute and delayed

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

Symptoms/effects	:	No additional information available.
Symptoms/effects after eye contact	:	Causes serious eye damage.

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

Treat symptomatically.

SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media Unsuitable extinguishing media	<ul><li>Water spray. Dry powder. Foam. Carbon dioxide.</li><li>Do not use a heavy water stream.</li></ul>
5.2. Special hazards arising from the subs	tance or mixture
Hazardous decomposition products in case of fire	: Toxic fumes may be released.
5.3. Advice for firefighters	
Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire.
Protection during firefighting	: EN 137. Protective non-flammable clothing. EN 469. Wear suitable gloves. EN 659. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
Other information	: Do not allow run-off from fire-fighting to enter drains or water courses.

SECTION 6: Accidental release measures		
6.1. Personal precautions, protective equipment and emergency procedures		
6.1.1. For non-emergency personnel		
Drotactive equipment	· Concerning personal protective equipment to use acception 9	

Protective equipment	: Concerning personal protective equipment to use, see section 8.
Emergency procedures	: Ventilate spillage area. Evacuate unnecessary personnel. Try to stop release if without risk. Avoid contact with skin and eyes.
6.1.2. For emergency responders	
Protective equipment	<ul> <li>Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".</li> </ul>
Emergency procedures	: Ventilate area.

### 6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

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

For containment	: Ventilate area.
Methods for cleaning up	: Take up liquid spill into absorbent material. Collect spillage. Store away from other
Other information	<ul><li>materials.</li><li>Collect all waste in suitable and labelled containers and dispose according to local legislation. Dispose of materials or solid residues at an authorized site.</li></ul>

## 6.4. Reference to other sections

See Section 8. Exposure controls and personal protection. For further information refer to section 13.

# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Precautions for safe handling :	Ensure good ventilation of the work station. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid contact with skin and eyes. Wear personal protective equipment.
Hygiene measures :	Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
7.2. Conditions for safe storage, including an	y incompatibilities
Storage conditions :	Store in a well-ventilated place. Keep cool. Store in original container. Keep container closed when not in use. Refer to the detailed list of incompatible materials in section 10 Stability/Reactivity. Store, if possible, in a cool, well ventilated place away from incompatible materials.
Incompatible materials :	Sources of ignition. Direct sunlight.
7.3. Specific end use(s)	

See Section 1.

# SECTION 8: Exposure controls/personal protection

# 8.1. Control parameters

# 8.1.1 National occupational exposure and biological limit values

formaldehyde% (50-00-0)	
EU - Binding Occupational Exposure Limit (BOEL)	
Local name	Formaldehyde
BOEL TWA	0,37 mg/m <sup>3</sup>
	0,62 mg/m <sup>3</sup> (Limit value for the health care, funeral and embalming sectors until 11 July
	2024)
BOEL TWA [ppm]	0,3 ppm
	0,5 ppm (Limit value for the health care, funeral and embalming sectors until 11 July
	2024)
BOEL STEL	0,74 mg/m³
BOEL STEL [ppm]	0,6 ppm
Notes	Dermal sensitisation (The substance can cause sensitisation of the skin)
Regulatory reference	DIRECTIVE (EU) 2019/983 (amending Directive 2004/37/EC)
United Kingdom - Occupational Exposure Limits	
Local name	Formaldehyde
WEL TWA (OEL TWA) [1]	2,5 mg/m³
WEL TWA (OEL TWA) [2]	2 ppm
WEL STEL (OEL STEL)	2,5 mg/m³
WEL STEL (OEL STEL) [ppm]	2 ppm
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

# 8.1.2. Recommended monitoring procedures

No additional information available

## 8.1.3. Air contaminants formed

No additional information available

### 8.1.4. DNEL and PNEC

No additional information available

#### 8.1.5. Control banding

No additional information available

# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

#### 8.2. Exposure controls

8.2.1. Appropriate engineering controls

### Appropriate engineering controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure good ventilation of the work station.

### 8.2.2. Personal protection equipment

#### Personal protective equipment:

Avoid all unnecessary exposure. Personal protections equipments. Prescribed phrase on label : "EC label".

#### Personal protective equipment symbol(s):



#### 8.2.2.1. Eye and face protection

#### Eye protection:

Use eye protection according to EN 166, designed to protect against liquid splashes. Goggles + face shield. Safety glasses

#### 8.2.2.2. Skin protection

#### Skin and body protection:

Long sleeved protective clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wear suitable protective clothing. Chemical resistant safety shoes

#### Hand protection:

Chemical resistant gloves (according to European standard NF EN 374 or equivalent). Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. Time of penetration is to be checked with the glove producer. Protective gloves

#### Other skin protection

Materials for protective clothing:

Wear suitable protective clothing

#### 8.2.2.3. Respiratory protection

#### **Respiratory protection:**

Ensure good ventilation of the work station. Use a full-face respirator, selected in accordance with EN 529. Self contained breathing apparatus, in case of emergency

#### 8.2.2.4. Thermal hazards

No additional information available

#### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

#### Consumer exposure controls:

Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### Other information:

Always wash hands after handling the product. Do not eat, drink or smoke during use. Keep away from food, drink and animal feedingstuffs. If on skin, take off contaminated clothing. Use good personal hygiene practices.

## **SECTION 9: Physical and chemical properties**

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

Physical state	: Liquid
Colour	: Colourless.
Odour	: characteristic.
Odour threshold	: Not available
Melting point	: Not applicable
Freezing point	: Not available

# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Boiling point	: Not available
Flammability	: Not available
Explosive limits	: Not available
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: Not available
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: 7-8
Viscosity, kinematic	: Not available
Solubility	: completely miscible in water.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: 1 – 1,2 g/cm <sup>3</sup>
Relative density	: Not available
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable

# 9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics		
VOC content	:	0,01 %

### **SECTION 10: Stability and reactivity**

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

#### 10.2. Chemical stability

Stable at ambient temperature and under normal conditions of use.

#### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### **10.4. Conditions to avoid**

Direct sunlight. Extremely high or low temperatures. Does not require any particular or specific measures. Respect the general rules for occupational hygiene.

### **10.5. Incompatible materials**

Acids. Oxidizing agent. Strong alkalis. Copper alloys.

# 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information		
11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008		
Acute toxicity (oral)	: Not classified (Based on available data, the classification criteria are not met)	

. Not blassified (Based of available data, the blassification offend are not mety
: Not classified (Based on available data, the classification criteria are not met)
: Not classified (Based on available data, the classification criteria are not met)
722 mg/kg
100 mg/kg
270 mg/kg
0,588 mg/l/4h

# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Skin corrosion/irritation	<ul> <li>Not classified (Based on available data, the classification criteria are not met) pH: 7 – 8</li> </ul>
Serious eye damage/irritation	: Causes serious eye damage. pH: 7 – 8
Additional information	: Corneal opacity
Respiratory or skin sensitisation	: Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	: 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)
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)
11.2. Information on other hazards	
11.2.1. Endocrine disrupting properties	
No additional information available	

#### 11.2.2. Other information

Potential adverse human health effects and : Based on available data, the classification criteria are not met symptoms

# 12.1. Toxicity

Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Ecology - water	: Do not allow to enter drains or water courses. Relevant water authorities should be notified of any large spillage to water course or drain.
Hazardous to the aquatic environment, short-term (acute)	: Not classified (Based on available data, the classification criteria are not met)
Hazardous to the aquatic environment, long-term (chronic)	: Not classified (Based on available data, the classification criteria are not met)

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

SANITIZER	
Bioaccumulative potential	Not established.

# 12.4. Mobility in soil

No additional information available

## 12.5. Results of PBT and vPvB assessment

#### SANITIZER

PBT: not yet assessed vPvB: not yet assessed

## 12.6. Endocrine disrupting properties

No additional information available

# 12.7. Other adverse effects

No additional information available

# SECTION 13: Disposal considerations

# 13.1. Waste treatment methods

Regional legislation (waste) Waste treatment methods : Disposal must be done according to official regulations.

: Dispose of contents/container in accordance with licensed collector's sorting instructions.

# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Product/Packaging disposal recommendations	Dispose in a safe manner in accordance with local/national regulations. Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials European List of Waste (LoW) code	<ul> <li>Avoid release to the environment.</li> <li>Code Waste to be completed according to the use and the list of Decision 2000/352 / EC</li> </ul>

## **SECTION 14: Transport information**

ADR	IMDG	ΙΑΤΑ	ADN	RID
14.1. UN number or ID	number			
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.2. UN proper shippii	ng name			
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard	class(es)			
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental ha	zards			
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated

## 14.6. Special precautions for user

## **Overland transport**

Not regulated

### Transport by sea

Not regulated

Air transport Not regulated

#### Inland waterway transport Not regulated

Rail transport

Not regulated

### 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

# 15.1.1. EU-Regulations

EU restriction list (	REACH Annex XVII)	
Reference code	Applicable on	Entry title or description
3(b)	SANITIZER ; (ethylenedioxy)dimethan ol	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10

Contains no substance(s) listed on the REACH Candidate List

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals) Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors) VOC content : 0,01 %

# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### Directive 2012/18/EU (SEVESO III)

Seveso Additional information

: Not relevant

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

## 15.1.2. National regulations

Ensure all national/local regulations are observed

# 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

# **SECTION 16: Other information**

Indication of ch	anges		
Section	Changed item	Change	Comments
1.1	Name	Added	
1.1	Trade name Modifie		
1.2	Use of the substance/mixture	Modified	
1.2	Use of the substance/mixture	Modified	
2.2	EUH-statements	Added	
2.2	Precautionary statements (CLP)	Modified	
3	Composition/information on ingredients	Modified	
4.1	First-aid measures after eye contact	Modified	
4.1	First-aid measures after inhalation	Modified	
4.1	First-aid measures after skin contact	Modified	
4.1	First-aid measures after ingestion	Modified	
4.2	Symptoms/effects	Added	
5.1	Suitable extinguishing media	Modified	
5.3	Protection during firefighting	Modified	
6.1	Emergency procedures	Modified	
6.2	Environmental precautions	Modified	
6.3	Methods for cleaning up	Modified	
6.3	Other information Modified		
7.1	Precautions for safe handling Modified		
7.1	Hygiene measures	Modified	
7.2	Storage conditions	Modified	
7.3	Specific end uses	Added	
8.2	Eye protection	Modified	
8.2	Appropriate engineering controls	Modified	
8.2	Hand protection	Modified	
8.2	Consumer exposure controls	Added	
9.1	Flammability (solid, gas)	Modified	
9.1	рН	Modified	
9.1	Solubility	Modified	
9.1	Density	Added	
9.2	VOC content Modified		
10.5	Incompatible materials	Added	
10.6	Hazardous decomposition products	Added	
11.1	Reason for no classification	Added	
13.1	H code	Added	
13.1	European List of Waste (LoW) code	Added	
15.1	VOC content	Modified	
15.1	Seveso Additional information	Added	
16	Data sources	Modified	
16	Abbreviations and acronyms	Modified	

Abbreviations and acronyms:	
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
SDS	Safety Data Sheet

# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008	
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways	
ΙΑΤΑ	International Air Transport Association	
IMDG	International Maritime Dangerous Goods	
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail	
ATE	Acute Toxicity Estimate	
BCF	Bioconcentration factor	
LC50	Median lethal concentration	
EC50	Median effective concentration	
LD50	Median lethal dose	
OECD	Organisation for Economic Co-operation and Development	
PBT	Persistent Bioaccumulative Toxic	
vPvB	Very Persistent and Very Bioaccumulative	
BLV	Biological limit value	
BOD	Biochemical oxygen demand (BOD)	
COD	Chemical oxygen demand (COD)	
DMEL	Derived Minimal Effect level	
DNEL	Derived-No Effect Level	
EC-No.	European Community number	
EN	European Standard	
IARC	International Agency for Research on Cancer	
LOAEL	Lowest Observed Adverse Effect Level	
NOAEC	No-Observed Adverse Effect Concentration	
NOAEL	No-Observed Adverse Effect Level	
NOEC	No-Observed Effect Concentration	
OEL	Occupational Exposure Limit	
PNEC	Predicted No-Effect Concentration	
STP	Sewage treatment plant	
ThOD	Theoretical oxygen demand (ThOD)	
TLM	Median Tolerance Limit	
VOC	Volatile Organic Compounds	
CAS-No.	Chemical Abstract Service number	
N.O.S.	Not Otherwise Specified	
ED	Endocrine disrupting properties	
TRGS	Technical Rules for Hazardous Substances	
IOELV	Indicative Occupational Exposure Limit Value	
WGK	Water Hazard Class	

Data sources

Training advice

Other information

COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 . 17 ATP Inserted / Updated.
Normal use of this product shall imply use in accordance with the instructions on the packaging.
Ensure all national/local regulations are observed. DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is

: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE

used as a component in another product, this SDS information may not be applicable.

Full text of H- and EUH-statements:	
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4

# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Carc. 1B	Carcinogenicity, Category 1B	
Eye Dam. 1	Serious eye damage/eye irritation, Category 1	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2	
H301	Toxic if swallowed.	
H302	Harmful if swallowed.	
H311	Toxic in contact with skin.	
H314	Causes severe skin burns and eye damage.	
H315	Causes skin irritation.	
H317	May cause an allergic skin reaction.	
H318	Causes serious eye damage.	
H319	Causes serious eye irritation.	
H331	Toxic if inhaled.	
H335	May cause respiratory irritation.	
H341	Suspected of causing genetic defects.	
H350	May cause cancer.	
Muta. 2	Germ cell mutagenicity, Category 2	
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B	
Skin Irrit. 2	Skin corrosion/irritation, Category 2	
Skin Sens. 1	Skin sensitisation, Category 1	
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation	

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Eye Dam. 1   H318   Calculation method
--

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.