

## SAFETY DATA SHEET

Issuing Date 12-Dec-2017 Revision Date 08-Nov-2017 Revision F

# 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Product identifier** 

Product Name VeroDent, MED670

Other means of identification

Product Code(s) SDS-06134 EN A

UN/ID no. UN3082

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Printing inks

Uses advised against This product is a cartridge containing ink. Under normal conditions of use, the substance is

released from a cartridge only inside an appropriate printing system, and therefore,

exposure is limited

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

#### **Manufacturer Address**

Stratasys Corporate headquarters United States 9600 West 76th Street Suite #108 Eden Prairie, MN 55344 United States

United States

Local: +1 952-294-3900 Phone: +1 952-937-3000

## Emergency telephone number

• +44 1865 407333 - Global – English Language response

+44 1235 239670 - Europe - Multi lingual response +1 215 207 0061 - USA - Multi-lingual response +65 3158 1074 - Asia Pacific - Multi lingual response +61 2 8014 4558 - Australia - English Language response

+86 512 8090 3042 - China - Chinese response

E-mail address info@Stratasys.com

## 2. HAZARDS IDENTIFICATION

## Classification

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity - Oral	Category 4
Serious eye damage/eye irritation	Category 1
Skin sensitization	Category 1B
Carcinogenicity	Category 2
Reproductive toxicity	Category 2
Specific target organ toxicity (single exposure)	Category 3

EN / AGHS Page 1/12

Specific target organ toxicity (repeated exposure)

Category 2

#### Label elements

## Danger

#### Hazard statements

Harmful if swallowed

Causes serious eye damage

May cause an allergic skin reaction

Suspected of causing cancer

Suspected of damaging fertility or the unborn child

May cause respiratory irritation

May cause damage to organs through prolonged or repeated exposure



The product contains no substances which at their given concentration, are considered to be hazardous to health.

Appearance Ink cartridge

Physical state liquid

**Odor** Characteristic

## **Precautionary Statements - Prevention**

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

Wear protective gloves/protective clothing/eye protection/face protection

Wash face, hands and any exposed skin thoroughly after handling

Do not eat, drink or smoke when using this product

Contaminated work clothing must not be allowed out of the workplace

Do not breathe dust/fume/gas/mist/vapors/spray

Use only outdoors or in a well-ventilated area

## **Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

Immediately call a POISON CENTER or doctor

IF ON SKIN: Wash with plenty of water and soap

If skin irritation or rash occurs: Get medical advice/attention

Wash contaminated clothing before reuse

IF INHALED: Remove person to fresh air and keep comfortable for breathing

IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell

Rinse mouth

#### **Precautionary Statements - Storage**

Store locked up

Store in a well-ventilated place. Keep container tightly closed

## **Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

#### Hazards not otherwise classified (HNOC)

Not applicable

## Other Information

May be harmful in contact with skin. Very toxic to aquatic life with long lasting effects. Very toxic to aquatic life.

**Unknown acute toxicity** 0 % of the mixture consists of ingredient(s) of unknown toxicity

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### <u>Mixture</u>

Chemical name	CAS No.	Weight-%	Proprietary
Exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl acrylate	5888-33-5	10 - 30	*
4-(1-Oxo-2-propenyl)-morpholine	5117-12-4	10 - 30	*
Proprietary	Proprietary	10 - 30	*
Proprietary	Proprietary	3 - 10	*
Proprietary	Proprietary	3 - 10	*
Proprietary	Proprietary	1 - 3	*
Proprietary	Proprietary	1 - 3	*
Titanium dioxide	13463-67-7	0.1-0.3	*
2-Propenoic acid	79-10-7	0.1-0.3	*
Glycerol, propoxylated, esters with acrylic acid	52408-84-1	0.1-0.3	*

<sup>\*</sup>The exact percentage (concentration) of composition has been withheld as a trade secret.

## 4. FIRST AID MEASURES

#### Description of first aid measures

**General advice** Show this safety data sheet to the doctor in attendance. Immediate medical attention is

required.

**Inhalation** Remove to fresh air. Get medical attention immediately if symptoms occur. IF exposed or

concerned: Get medical advice/attention.

Eye contact Get immediate medical advice/attention. Rinse immediately with plenty of water, also under

the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do.

Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area.

**Skin contact** Wash off immediately with soap and plenty of water for at least 15 minutes. May cause an

allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.

**Ingestion** Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water.

Never give anything by mouth to an unconscious person. Call a physician.

Self-protection of the first aider Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).

Most important symptoms and effects, both acute and delayed

**Symptoms** Burning sensation. Itching. Rashes. Hives.

Indication of any immediate medical attention and special treatment needed

**Note to physicians** May cause sensitization in susceptible persons. Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media Use extinguishing agent suitable for type of surrounding fire. Class B fires: Use carbon

dioxide (CO2), regular dry chemical (sodium bicarbonate), regular foam (Aqueous Film

Forming Foam-AFFF), or water spray to cool containers.

Unsuitable extinguishing media CAUTION: Use of water spray when fighting fire may be inefficient.

EN / AGHS Page 3/12

\_\_\_\_\_

Specific hazards arising from the

chemical

No information available.

**Explosion data** 

Sensitivity to Mechanical Impact None. Sensitivity to Static Discharge None.

Special protective equipment for

fire-fighters

Cool containers with flooding quantities of water until well after fire is out. Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Move containers from fire area if you can do it without risk. Use personal protection equipment. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Keep out of drains, sewers, ditches and waterways. Inhalation is a health risk.

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

**Personal precautions** Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.

Ensure adequate ventilation. Evacuate personnel to safe areas. Keep people away from

and upwind of spill/leak.

**Other Information** Refer to protective measures listed in Sections 7 and 8.

**Environmental precautions** 

**Environmental precautions** See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

**Methods for containment**Use a non-combustible material like vermiculite, sand or earth to soak up the product and

place into a container for later disposal. Following product recovery, flush area with water.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

## 7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions Store in a cool, dry area away from potential sources of heat, open flames, sunlight or other

chemicals. Store in a cool, well ventilated area. Store in accordance with local regulations. Keep container tightly closed. Store between 15 °C and 27 °C. Shipment temperature (up to 5 weeks) is -20 °C to 50 °C. Store in a combustible storage area away from heat and open

flame.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

**Exposure Limits** The following ingredients are the only ingredients of the product above the cut-off level (or

level that contributes to the hazard classification of the mixture) which have an exposure

limit applicable in the region for which this safety data sheet is intended or other

EN / AGHS Page 4/12

recommended limit. At this time, the other relevant constituents have no known exposure limits from the sources listed here.

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Titanium dioxide	TWA: 10 mg/m <sup>3</sup>	TWA: 15 mg/m³ total dust	IDLH: 5000 mg/m <sup>3</sup>
13463-67-7	-	(vacated) TWA: 10 mg/m³ total	
		dust	
2-Propenoic acid	TWA: 2 ppm	(vacated) TWA: 10 ppm	TWA: 2 ppm
79-10-7	S*	(vacated) TWA: 30 mg/m <sup>3</sup>	TWA: 6 mg/m <sup>3</sup>
		(vacated) S*	

#### **Appropriate engineering controls**

Engineering controls Showers

Eyewash stations Ventilation systems.

#### Individual protection measures, such as personal protective equipment

**Eye/face protection** Tight sealing safety goggles.

Hand Protection Wear suitable gloves.

**Skin and body protection**Wear suitable protective clothing.

exceeded or irritation is experienced, ventilation and evacuation may be required.

General hygiene considerations Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do

not eat, drink or smoke when using this product. Wash hands before breaks and

immediately after handling the product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state liquid
Appearance Ink cartridge
Odor Characteristic
Color beige

Odor threshold No information available

Property Values Remarks • Method

pH N/A

Melting point / freezing pointNo data availableNone knownBoiling point / boiling rangeNo data availableNone known

Flash point  $\Rightarrow 100 - < 250 \, ^{\circ}\text{C} / \Rightarrow 212 - <$ 

482 °F

Evaporation rateNo data availableNone knownFlammability (solid, gas)No data availableNone knownFlammability Limit in AirNone known

Upper flammability limit: No data available Lower flammability limit: No data available

Vapor pressureNo data availableNone knownVapor densityNo data availableNone knownRelative densityNo data availableNone knownWater solubilityInsoluble in water

Water solubilityInsoluble in waterSolubility in other solventsNo data availableNone knownPartition coefficientNo data availableNone knownAutoignition temperatureNo data availableNone knownDecomposition temperatureNo data availableNone known

\_\_\_\_\_\_

EN / AGHS Page 5/12

Kinematic viscosityNo data availableNone knownDynamic viscosityNo data availableNone known

**Explosive properties**No information available **Oxidizing properties**No information available

Other Information

Softening point
Molecular weight
VOC Content (%)
Liquid Density
No information available

## 10. STABILITY AND REACTIVITY

**Reactivity** Heating may cause a fire.

**Chemical stability** Decomposes on exposure to light. Unstable if heated.

Conditions to avoid None known based on information supplied.

**Incompatible materials**None known based on information supplied.

Hazardous decomposition products Thermal Decomposition Products. Combustion: oxides of carbon.

## 11. TOXICOLOGICAL INFORMATION

#### Information on likely routes of exposure

#### **Product Information**

**Inhalation** Specific test data for the substance or mixture is not available.

**Eye contact** Specific test data for the substance or mixture is not available.

**Skin contact** Specific test data for the substance or mixture is not available.

**Ingestion** Specific test data for the substance or mixture is not available. Ingestion may cause

gastrointestinal irritation, nausea, vomiting and diarrhea. Harmful if swallowed. (based on

components).

#### Information on toxicological effects

Symptoms Redness. Burning, May cause blindness, Itching, Rashes, Hives,

#### Numerical measures of toxicity

## **Acute toxicity**

The following values are calculated based on chapter 3.1 of the GHS document .

 ATEmix (oral)
 1,703.00 mg/kg

 ATEmix (dermal)
 4,214.00 mg/kg

 ATEmix (inhalation-dust/mist)
 54.00 mg/l

Unknown acute toxicity 0 % of the mixture consists of ingredient(s) of unknown toxicity

**Component Information** 

Component information			
Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Exo-1,7,7-trimethylbicyclo[2.2.1]	= 4890 mg/kg (Rat)	> 3000 mg/kg (Rabbit)	-
hept-2-yl acrylate			

EN / AGHS Page 6/12

5888-33-5			
4-(1-Oxo-2-propenyl)-morpholin	= 588 mg/kg (rat)	> 2000 mg/kg (rat)	= 5.28 mg/l (rat)
е			
5117-12-4			
Proprietary	(Rat) LD50 = 1,590 - 3,910	(Rabbit) $LD50 = > 2,000 \text{ mg/kg}$	(Rat) 1 h LC0 = 6.7 mg/l
	mg/kg		
Proprietary	= 2.000 mg/kg (Rat) (Method:	= 2.000 mg/kg (Rat)(Method:	-
	OECD Test Guideline 423)	OECD Test Guideline 402)	
Proprietary	>2000 mg/kg (Rat)	>2000 mg/kg	-
Proprietary	rat (oral): > 2,500 mg/kg (OECD	> 5,000 mg/kg (OECD	> 1 mg/l 4 h (OECD Guideline
	Guideline 423)	Guideline 402)	403)
Proprietary	> 5,000 mg/kg (Rat) (OECD	> 2,000 mg/kg (Rat) (OECD	-
·	Guideline 401)	Guideline 402)	
Titanium dioxide	> 10000 mg/kg	-	-
13463-67-7	> 10000 mg/kg (Rat)		
2-Propenoic acid	= 193 mg/kg (Rat) = 33500	= 295 mg/kg (Rabbit) = 280	= 3.6 mg/L (Rat) 4 h = 11.1
79-10-7	μg/kg (Rat)	μL/kg (Rabbit)	mg/L(Rat)1 h

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

Skin corrosion/irritationNo information available.Serious eye damage/eye irritationNo information available.Respiratory or skin sensitizationNo information available.Germ cell mutagenicityNo information available.

**Carcinogenicity** No information available.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Titanium dioxide 13463-67-7	-	Group 2B	-	Х
2-Propenoic acid 79-10-7	-	Group 3	-	-

## IARC (International Agency for Research on Cancer) Group 3 - Not Classifiable as to Carcinogenicity in Humans

Reproductive toxicity No information available.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Aspiration hazard** No information available.

## 12. ECOLOGICAL INFORMATION

## **Ecotoxicity**

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Exo-1,7,7-trimethylbicycl o[2.2.1]hept-2-yl acrylate 5888-33-5	· ·	0.704 mg/l Fresh water	-	0.524 mg/l Fresh water
4-(1-Oxo-2-propenyl)-mor pholine 5117-12-4	120 mg/l (algae)	-	-	120 mg/kg (daphnia)

EN / AGHS Page 7/12

Proprietary	Pseudokirchneriella	Oncorhynchus mykiss	-	Daphnia magna (Water
	subcapitata (green algae)	(rainbow trout) 96 h LC50		flea) 48 h EC50 = 95 mg/l
	96 h EC50 = 0.17 mg/l	= 27 mg/l		_
Proprietary	(Pseudokirchneriella	(Fish) : 4,95 mg/l	-	(Daphnia magna Straus)
	subcapitata): 1,6 mg/l			: 2,36 mg/l (Method:
	(Method: OECD Test			OECD Test Guideline
	` Guideline 201)			202)
Proprietary	14.4 mg/l (growth rate),	24 mg/l, Brachydanio	-	53.9 mg/l, Daphnia
	Desmodesmus	rerio (Directive		magna (OECD Guideline
	subspicatus (OECD	92/69/EEC, C.1, static)		202, part 1, semistatic)
	Guideline 201, static)	, , ,		, ,
Proprietary	> 2.01 mg/l (growth rate),	6.53 mg/l, Oryzias latipes	-	3.53 mg/l, Daphnia
	Pseudokirchneriella	(JIS K 0102-71,		magna (OECD Guideline
	subcapitata (OECD	semistatic)		202, part 1, static)
	Guideline 201, static)	,		,
2-Propenoic acid	0.04: 72 h Desmodesmus	222: 96 h Brachydanio	-	95: 48 h Daphnia magna
<sup>7</sup> 9-10-7	subspicatus mg/L EC50	rerio mg/L LC50		mg/L EC50 270: 24 h
	0.17: 96 h	semi-static		Daphnia magna mg/L
	Pseudokirchneriella			LC50 Static
	subcapitata mg/L EC50			

Persistence and degradability No information available.

**Bioaccumulation** There is no data for this product.

**Component Information** 

Chemical name	Partition coefficient
2-Propenoic acid	0.46
79-10-7	

Other adverse effects No information available.

## 13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste from residues/unused

products

Dispose of in accordance with local regulations. Dispose of waste in accordance with

environmental legislation.

Contaminated packaging

Do not reuse empty containers.

US EPA Waste Number

U008 U239

Chemical name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
2-Propenoic acid	-	-	-	U008
79-10-7				

## 14. TRANSPORT INFORMATION

**Additional information** 

The environmentally hazardous substance mark is not required when transported in sizes of ≤5L or ≤5kg The marine pollutant mark is not required when transported in sizes of ≤5L or ≤5kg

DOT

UN/ID no. UN3082

**Proper Shipping Name** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

EN / AGHS Page 8/12

Hazard Class 9
Packing group III

**Special Provisions** 8, 146, 173, 335, IB3, T4, TP1, TP29

171

**Description** UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

(2-Propenoic acid), 9, III, Marine pollutant

**Emergency Response Guide** 

Number

TDG

UN/ID no. UN3082

Proper Shipping Name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Hazard Class 9
Packing group III

Description UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

(2-Propenoic acid), 9, III

MEX

UN/ID no. UN3082

Proper Shipping Name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Hazard Class 9

Special Provisions 274, 331, 335

Packing group III

Description UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

(2-Propenoic acid), 9, III

ICAO (air)

UN/ID no. UN3082

Proper Shipping Name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Hazard Class 9
Packing group III

Special Provisions A97, A158, A197

Description UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

(2-Propenoic acid), 9, III

**IATA** 

UN Number UN3082
Transport hazard class(es) 9
Packing group III
ERG Code 9L
Special Provisions A197

**Description** UN3082, Environmentally hazardous substance, liquid, n.o.s. (2-Propenoic acid), 9, III

<u>IMDG</u>

 UN Number
 UN3082

 Transport hazard class(es)
 9

 Packing group
 III

 EmS-No.
 F-A, S-F

 Special Provisions
 274, 335, 969

Description UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

(2-Propenoic acid, STABILIZER), 9, III, Marine pollutant

<u>RID</u>

UN Number UN3082

UN proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Transport hazard class(es) 9
Packing group III
Classification code M6

**Description** UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

(2-Propenoic acid), 9, III (STABILIZER, PROPRIETARY STABILIZER)

Labels

ADR

UN Number UN3082

\_\_\_\_\_

UN proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Transport hazard class(es) 9
Packing group III
Classification code M6
Tunnel restriction code (E)

**Special Provisions** 274, 335, 601, 375

Description UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

(2-Propenoic acid), 9, III (STABILIZER, PROPRIETARY STABILIZER)

Labels

ADN

UN/ID no UN3082

UN proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Transport hazard class(es) 9
Packing group III
Classification code M6

**Special Provisions** 274, 335, 375, 601

Description UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

(2-Propenoic acid), 9, III (STABILIZER, PROPRIETARY STABILIZER)

Hazard label(s) 9 Limited quantity (LQ) 5 L



## 15. REGULATORY INFORMATION

**International Inventories** 

TSCA Complies DSL/NDSL Complies

**EINECS/ELINCS**No information available
No information available

**IECSC** Complies

KECLNo information availablePICCSNo information available

AICS Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

## **US Federal Regulations**

## **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

#### SARA 311/312 Hazard Categories

Acute health hazard Yes Chronic Health Hazard Yes

\_\_\_\_\_

\_\_\_\_\_

Fire hazard No Sudden release of pressure hazard No Reactive Hazard No

#### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

#### **CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

Chemical name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
2-Propenoic acid	5000 lb	-	RQ 5000 lb final RQ
79-10-7			RQ 2270 kg final RQ

### **US State Regulations**

#### **California Proposition 65**

This product contains the following Proposition 65 chemicals:.

Chemical name	California Proposition 65
Titanium dioxide - 13463-67-7	Carcinogen
ethylbenzene - 100-41-4	Carcinogen

## U.S. State Right-to-Know Regulations

## **US State Regulations**

Chemical name	New Jersey	Massachusetts	Pennsylvania
2-Propenoic acid	X	X	X
79-10-7			

#### U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

## 16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

NFPA Health hazards 3 Flammability 1 Instability 0 Physical and chemical

properties -

HMIS Health hazards 3 \* Flammability 1 Physical hazards 0 Personal protection X Chronic Hazard Star Legend \*= Chronic Health Hazard

Revision Date 08-Nov-2017

**Revision Note**No information available.

**Disclaimer** 

The information provided in this Safety Data Sheet derives from a third party source. Whilst we believe that the information is correct as at the date of its publication, we do not make any representations or warranties regarding the accuracy or completeness of the information nor the quality or specification of any materials, substances or mixtures referred to herein (collectively, "Materials"). The information is being provided solely as a guideline for the safe handling, use, consumption, processing, storage, transportation, disposal and release of the Materials. The information may not be sufficient for such purposes and the user should not place any reliance on the information provided. The information may not be applicable to Materials that are combined with any materials or in any process other than as expressly stated herein. We shall not be liable for any kind of liability including, without limitation, damages, losses or expenses, arising out of or as a result of any reliance on the information contained in this Safety Data Sheet. This Safety Data Sheet remains our exclusive property and should not be reproduced, modified or distributed without our prior written consent.

EN / AGHS Page 11 / 12

**End of Safety Data Sheet**