

SAFETY DATA SHEET

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

1.1. Product identifier

Trade name or designation of the mixture BVOH
Registration number -
Synonyms None.
Issue date 28-November-2019
Version number 01

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

Identified uses 3D printer filament
Uses advised against None known.

1.3. Details of the supplier of the safety data sheet

Supplier

Company name MCPP Netherlands BV
Address Grasbeemd 19, 5705DE Helmond, The Netherlands
Telephone +31 (0)492 210 210 (Office hours Mo. - Fr. 8:30 - 17:00)
Contact person Product Compliance
e-mail product.compliance@mcpp-europe.com

1.4. Emergency telephone number +31 (0)30 274 8888, only for the doctor
National Poison Information Center Utrecht, The Netherlands

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

Classification according to Regulation (EC) No 1272/2008 as amended

This mixture does not meet the criteria for classification according to Regulation (EC) 1272/2008 as amended.

Hazard summary Not available.

2.2. Label elements

Label according to Regulation (EC) No. 1272/2008 as amended

Hazard pictograms None.
Signal word None.
Hazard statements The mixture does not meet the criteria for classification.

Precautionary statements

Prevention Not available.
Response Not available.
Storage Not available.
Disposal Not available.

Supplemental label information None.

2.3. Other hazards Not a PBT or vPvB substance or mixture.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Butenediol-Vinyl Alcohol copolymer with additives	90 - 100	Proprietary	-	-	
Classification:	-				

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Methanol	< 1	67-56-1 200-659-6	-	603-001-00-X	#
Classification:	Flam. Liq. 2;H225, Acute Tox. 3;H301, Acute Tox. 3;H311, Acute Tox. 3;H331, STOT SE 1;H370				
Methyl acetate	< 1	79-20-9 201-185-2	-	607-021-00-X	
Classification:	Flam. Liq. 2;H225, Eye Irrit. 2;H319, STOT SE 3;H336				
Other components below reportable levels	< 1				

Composition comments The full text for all H-statements is displayed in section 16.

SECTION 4: First aid measures

General information Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

4.1. Description of first aid measures

Inhalation Not likely, due to the form of the product. If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.

Skin contact If burned by contact with hot material, cool molten material adhering to skin as quickly as possible with water, and see a physician for removal of adhering material and treatment of burn. Do not peel polymer from the skin.

Eye contact Not likely, due to the form of the product. If hot product contacts eye, flush with water for at least 15 minutes and seek medical attention immediately.

Ingestion Not likely, due to the form of the product.

4.2. Most important symptoms and effects, both acute and delayed Exposure may cause temporary irritation, redness, or discomfort.

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

SECTION 5: Firefighting measures

General fire hazards No unusual fire or explosion hazards noted.

5.1. Extinguishing media

Suitable extinguishing media Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂).

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture During fire, gases hazardous to health may be formed.

5.3. Advice for firefighters

Special protective equipment for firefighters Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Special fire fighting procedures Move containers from fire area if you can do so without risk.

Specific methods Use standard firefighting procedures and consider the hazards of other involved materials.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.

For emergency responders Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the SDS.

6.2. Environmental precautions Avoid discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up Sweep up or vacuum up spillage and collect in suitable container for disposal. For waste disposal, see section 13 of the SDS.

6.4. Reference to other sections For personal protection, see section 8 of the SDS. For waste disposal, see section 13 of the SDS.

SECTION 7: Handling and storage

7.1. Precautions for safe handling Observe good industrial hygiene practices.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

7.3. Specific end use(s)

Not available.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Occupational exposure limits****Austria. MAK List, OEL Ordinance (GwV), BGBl. II, no. 184/2001**

Components	Type	Value
Methanol (CAS 67-56-1)	MAK	260 mg/m ³ 200 ppm
	STEL	1040 mg/m ³ 800 ppm
Methyl acetate (CAS 79-20-9)	Ceiling	1220 mg/m ³ 400 ppm
	MAK	610 mg/m ³ 200 ppm

Belgium. Exposure Limit Values

Components	Type	Value
Methanol (CAS 67-56-1)	STEL	333 mg/m ³ 250 ppm
	TWA	266 mg/m ³ 200 ppm
Methyl acetate (CAS 79-20-9)	STEL	768 mg/m ³ 250 ppm
	TWA	615 mg/m ³ 200 ppm

Bulgaria. OELs. Regulation No 13 on protection of workers against risks of exposure to chemical agents at work

Components	Type	Value
Methanol (CAS 67-56-1)	TWA	260 mg/m ³ 200 ppm

Croatia. Dangerous Substance Exposure Limit Values in the Workplace (ELVs), Annexes 1 and 2, Narodne Novine, 13/09

Components	Type	Value
Methanol (CAS 67-56-1)	MAC	260 mg/m ³ 200 ppm
	STEL	770 mg/m ³ 250 ppm
Methyl acetate (CAS 79-20-9)	MAC	616 mg/m ³ 200 ppm
	STEL	770 mg/m ³ 250 ppm

Cyprus. OELs. Control of factory atmosphere and dangerous substances in factories regulation, PI 311/73, as amended.

Components	Type	Value
Methyl acetate (CAS 79-20-9)	TWA	610 mg/m ³ 200 ppm

Czech Republic. OELs. Government Decree 361

Components	Type	Value
Methanol (CAS 67-56-1)	Ceiling	1000 mg/m ³
	TWA	250 mg/m ³
Methyl acetate (CAS 79-20-9)	Ceiling	800 mg/m ³

Czech Republic. OELs. Government Decree 361

Components	Type	Value
	TWA	600 mg/m ³

Denmark. Exposure Limit Values

Components	Type	Value
Methanol (CAS 67-56-1)	TLV	260 mg/m ³ 200 ppm
Methyl acetate (CAS 79-20-9)	TLV	455 mg/m ³ 150 ppm

Estonia. OELs. Occupational Exposure Limits of Hazardous Substances. (Annex of Regulation No. 293 of 18 September 2001)

Components	Type	Value
Methanol (CAS 67-56-1)	STEL	350 mg/m ³ 250 ppm
	TWA	250 mg/m ³ 200 ppm
Methyl acetate (CAS 79-20-9)	STEL	900 mg/m ³ 300 ppm
	TWA	450 mg/m ³ 150 ppm

Finland. Workplace Exposure Limits

Components	Type	Value
Methanol (CAS 67-56-1)	STEL	330 mg/m ³ 250 ppm
	TWA	270 mg/m ³ 200 ppm
Methyl acetate (CAS 79-20-9)	STEL	770 mg/m ³ 250 ppm
	TWA	610 mg/m ³ 200 ppm

France. Threshold Limit Values (VLEP) for Occupational Exposure to Chemicals in France, INRS ED 984

Components	Type	Value
Methanol (CAS 67-56-1)	VLE	1300 mg/m ³
Regulatory status:	Indicative limit (VL)	1000 ppm
Regulatory status:	Indicative limit (VL)	
	VME	260 mg/m ³
Regulatory status:	Regulatory binding (VRC)	200 ppm
Regulatory status:	Regulatory binding (VRC)	
Methyl acetate (CAS 79-20-9)	VLE	760 mg/m ³
Regulatory status:	Indicative limit (VL)	250 ppm
Regulatory status:	Indicative limit (VL)	
	VME	610 mg/m ³
Regulatory status:	Indicative limit (VL)	200 ppm
Regulatory status:	Indicative limit (VL)	

Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG)

Components	Type	Value
Methanol (CAS 67-56-1)	TWA	130 mg/m3 100 ppm
Methyl acetate (CAS 79-20-9)	TWA	310 mg/m3 100 ppm

Germany. TRGS 900, Limit Values in the Ambient Air at the Workplace

Components	Type	Value
Methanol (CAS 67-56-1)	AGW	270 mg/m3 200 ppm
Methyl acetate (CAS 79-20-9)	AGW	620 mg/m3 200 ppm

Greece. OELs (Decree No. 90/1999, as amended)

Components	Type	Value
Methanol (CAS 67-56-1)	STEL	325 mg/m3 250 ppm
	TWA	260 mg/m3 200 ppm
Methyl acetate (CAS 79-20-9)	STEL	760 mg/m3 250 ppm
	TWA	610 mg/m3 200 ppm

Hungary. OELs. Joint Decree on Chemical Safety of Workplaces

Components	Type	Value
Methanol (CAS 67-56-1)	TWA	260 mg/m3
Methyl acetate (CAS 79-20-9)	STEL	2440 mg/m3
	TWA	610 mg/m3

Iceland. OELs. Regulation 154/1999 on occupational exposure limits

Components	Type	Value
Methanol (CAS 67-56-1)	TWA	260 mg/m3 200 ppm
Methyl acetate (CAS 79-20-9)	TWA	455 mg/m3 150 ppm

Ireland. Occupational Exposure Limits

Components	Type	Value
Methanol (CAS 67-56-1)	TWA	260 mg/m3 200 ppm
Methyl acetate (CAS 79-20-9)	STEL	760 mg/m3 250 ppm
	TWA	610 mg/m3 200 ppm

Italy. Occupational Exposure Limits

Components	Type	Value
Methanol (CAS 67-56-1)	TWA	260 mg/m3 200 ppm

Italy. Occupational Exposure Limits

Components	Type	Value
Methyl acetate (CAS 79-20-9)	STEL	250 ppm
	TWA	200 ppm

Latvia. OELs. Occupational exposure limit values of chemical substances in work environment

Components	Type	Value
Methanol (CAS 67-56-1)	TWA	260 mg/m3
		200 ppm
Methyl acetate (CAS 79-20-9)	TWA	100 mg/m3

Lithuania. OELs. Limit Values for Chemical Substances, General Requirements

Components	Type	Value
Methanol (CAS 67-56-1)	TWA	260 mg/m3
		200 ppm
Methyl acetate (CAS 79-20-9)	STEL	900 mg/m3
		300 ppm
	TWA	450 mg/m3
		150 ppm

Luxembourg. Binding Occupational exposure limit values (Annex I), Memorial A

Components	Type	Value
Methanol (CAS 67-56-1)	TWA	260 mg/m3
		200 ppm

Malta. OELs. Occupational Exposure Limit Values (L.N. 227. of Occupational Health and Safety Authority Act (CAP. 424), Schedules I and V)

Components	Type	Value
Methanol (CAS 67-56-1)	TWA	260 mg/m3
		200 ppm

Netherlands. OELs (binding)

Components	Type	Value
Methanol (CAS 67-56-1)	TWA	133 mg/m3

Norway. Administrative Norms for Contaminants in the Workplace

Components	Type	Value
Methanol (CAS 67-56-1)	TLV	130 mg/m3
		100 ppm
Methyl acetate (CAS 79-20-9)	TLV	305 mg/m3
		100 ppm

Ordinance of the Minister of Labour and Social Policy on 6 June 2014 on the maximum permissible concentrations and intensities of harmful health factors in the work environment, Journal of Laws 2014, item 817

Components	Type	Value
Methanol (CAS 67-56-1)	STEL	300 mg/m3
	TWA	100 mg/m3
Methyl acetate (CAS 79-20-9)	STEL	600 mg/m3
	TWA	250 mg/m3

Portugal. OELs. Decree-Law n. 290/2001 (Journal of the Republic - 1 Series A, n.266)

Components	Type	Value
Methanol (CAS 67-56-1)	TWA	260 mg/m3
		200 ppm

Portugal. VLEs. Norm on occupational exposure to chemical agents (NP 1796)

Components	Type	Value
Methanol (CAS 67-56-1)	STEL	250 ppm
	TWA	200 ppm
Methyl acetate (CAS 79-20-9)	STEL	250 ppm
	TWA	200 ppm

Romania. OELs. Protection of workers from exposure to chemical agents at the workplace

Components	Type	Value
Methanol (CAS 67-56-1)	TWA	260 mg/m3 200 ppm
	STEL	600 mg/m3 188 ppm
	TWA	200 mg/m3 63 ppm

Slovakia. OELs. Regulation No. 300/2007 concerning protection of health in work with chemical agents

Components	Type	Value
Methanol (CAS 67-56-1)	TWA	260 mg/m3 200 ppm
	STEL	770 mg/m3 250 ppm
	TWA	310 mg/m3 100 ppm

Slovenia. OELs. Regulations concerning protection of workers against risks due to exposure to chemicals while working (Official Gazette of the Republic of Slovenia)

Components	Type	Value
Methanol (CAS 67-56-1)	TWA	260 mg/m3 200 ppm
	TWA	620 mg/m3 200 ppm

Spain. Occupational Exposure Limits

Components	Type	Value
Methanol (CAS 67-56-1)	TWA	266 mg/m3 200 ppm
	STEL	770 mg/m3 250 ppm
	TWA	616 mg/m3 200 ppm

Sweden. OELs. Work Environment Authority (AV), Occupational Exposure Limit Values (AFS 2015:7)

Components	Type	Value
Methanol (CAS 67-56-1)	STEL	350 mg/m3 250 ppm
	TWA	250 mg/m3 200 ppm
Methyl acetate (CAS 79-20-9)	STEL	900 mg/m3 300 ppm
	TWA	450 mg/m3 150 ppm

Switzerland. SUVA Grenzwerte am Arbeitsplatz

Components	Type	Value
Methanol (CAS 67-56-1)	STEL	1040 mg/m3 800 ppm
	TWA	260 mg/m3 200 ppm
	STEL	1240 mg/m3 400 ppm
Methyl acetate (CAS 79-20-9)	TWA	310 mg/m3 100 ppm

UK. EH40 Workplace Exposure Limits (WELs)

Components	Type	Value
Methanol (CAS 67-56-1)	STEL	333 mg/m3 250 ppm
	TWA	266 mg/m3 200 ppm
	STEL	770 mg/m3 250 ppm
Methyl acetate (CAS 79-20-9)	TWA	616 mg/m3 200 ppm

EU. Indicative Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU

Components	Type	Value
Methanol (CAS 67-56-1)	TWA	260 mg/m3 200 ppm

Biological limit values**Croatia. BLV. Dangerous Substance Exposure Limit Values at Workplace, Annexes 4 (as amended)**

Components	Value	Determinant	Specimen	Sampling Time
Methanol (CAS 67-56-1)	7 mg/g	Methanol	Creatinine in urine	*
	24,7 mmol/mol	Methanol	Creatinine in urine	*

* - For sampling details, please see the source document.

Czech Republic. Limit Values for Indicators of Biological Exposure Tests in Urine and Blood, Annex 2, Tables 1 and 2, Government Decree 432/2003 Sb.

Components	Value	Determinant	Specimen	Sampling Time
Methanol (CAS 67-56-1)	15 mg/l	Methanol	Urine	*
	0,47 mmol/l	Methanol	Urine	*

* - For sampling details, please see the source document.

France. Biological indicators of exposure (IBE) (National Institute for Research and Security (INRS, ND 2065)

Components	Value	Determinant	Specimen	Sampling Time
Methanol (CAS 67-56-1)	15 mg/l	Méthanol	Urine	*

* - For sampling details, please see the source document.

Germany. TRGS 903, BAT List (Biological Limit Values)

Components	Value	Determinant	Specimen	Sampling Time
Methanol (CAS 67-56-1)	30 mg/l	Methanol	Urine	*

* - For sampling details, please see the source document.

Slovakia. BLVs (Biological Limit Value). Regulation no. 355/2006 concerning protection of workers exposed to chemical agents, Annex 2

Components	Value	Determinant	Specimen	Sampling Time
Methanol (CAS 67-56-1)	20 mg/g	Methanol	Creatinine in urine	*

Slovakia. BLVs (Biological Limit Value). Regulation no. 355/2006 concerning protection of workers exposed to chemical agents, Annex 2

Components	Value	Determinant	Specimen	Sampling Time
	30 mg/l	Methanol	Urine	*

* - For sampling details, please see the source document.

Spain. Biological Limit Values (VLBs), Occupational Exposure Limits for Chemical Agents, Table 4

Components	Value	Determinant	Specimen	Sampling Time
Methanol (CAS 67-56-1)	15 mg/l	Metanol	Urine	*

* - For sampling details, please see the source document.

Switzerland. BAT-Werte (Biological Limit Values in the Workplace as per SUVA)

Components	Value	Determinant	Specimen	Sampling Time
Methanol (CAS 67-56-1)	30 mg/l	Methanol	Urine	*

* - For sampling details, please see the source document.

Recommended monitoring procedures Follow standard monitoring procedures.

Derived no effect levels (DNELs) Not available.

Predicted no effect concentrations (PNECs) Not available.

8.2. Exposure controls

Appropriate engineering controls Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment

General information Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin protection

- Hand protection Wear appropriate chemical resistant gloves.

- Other Wear suitable protective clothing.

Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

Hygiene measures Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Environmental exposure controls Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state Solid.

Form filament

Colour Color depends on product specification

Odour Slight. Vinegar

Odour threshold Not available.

pH Not available.

Melting point/freezing point 150 - 230 °C (302 - 446 °F)

Initial boiling point and boiling range Not available.

Flash point Not available.

Evaporation rate Not available.

Flammability (solid, gas) Not available.

Upper/lower flammability or explosive limits

Flammability limit - lower (%) Not available.

Flammability limit - upper (%) Not available.

Vapour pressure Not available.

Vapour density Not available.

Relative density Not available.

Solubility(ies)

Solubility (water) Soluble

Solubility (solvents) Soluble: DMF, DMSO

Partition coefficient (n-octanol/water) Not available.

Auto-ignition temperature 440 °C (824 °F)

Decomposition temperature > 200 °C (> 392 °F)

Viscosity Not available.

Explosive properties Not explosive.

Oxidising properties Not oxidising.

9.2. Other information

Density 1,19 - 1,31

SECTION 10: Stability and reactivity

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

10.2. Chemical stability Material is stable under normal conditions.

10.3. Possibility of hazardous reactions No dangerous reaction known under conditions of normal use.

10.4. Conditions to avoid Avoid temperatures exceeding the decomposition temperature. Contact with incompatible materials.

10.5. Incompatible materials Strong oxidising agents.

10.6. Hazardous decomposition products No hazardous decomposition products are known.

SECTION 11: Toxicological information

General information Occupational exposure to the substance or mixture may cause adverse effects.

Information on likely routes of exposure

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

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

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

Ingestion May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of occupational exposure.

Symptoms Exposure may cause temporary irritation, redness, or discomfort.

11.1. Information on toxicological effects

Acute toxicity No data available.

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation Based on available data, the classification criteria are not met.

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

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.

Hungary. 26/2000 EüM Ordinance on protection against and preventing risk relating to exposure to carcinogens at work (as amended)

Not listed.

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

Specific target organ toxicity - single exposure Based on available data, the classification criteria are not met.

Specific target organ toxicity - repeated exposure	Based on available data, the classification criteria are not met.
Aspiration hazard	Based on available data, the classification criteria are not met.
Mixture versus substance information	No information available.
Other information	This product has no known adverse effect on human health.

SECTION 12: Ecological information

12.1. Toxicity	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
12.2. Persistence and degradability	Biodegradable in industrial composting facilities.
12.3. Bioaccumulative potential	
Partition coefficient n-octanol/water (log Kow)	Not available.
Bioconcentration factor (BCF)	Not available.
12.4. Mobility in soil	No data available.
12.5. Results of PBT and vPvB assessment	Not a PBT or vPvB substance or mixture.
12.6. Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

SECTION 13: Disposal considerations

13.1. Waste treatment methods	
Residual waste	Dispose of in accordance with local regulations.
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal.
EU waste code	The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Disposal methods/information	Collect and reclaim or dispose in sealed containers at licensed waste disposal site.
Special precautions	Dispose in accordance with all applicable regulations.

SECTION 14: Transport information

ADR

14.1. - 14.6.: Not regulated as dangerous goods.

RID

14.1. - 14.6.: Not regulated as dangerous goods.

ADN

14.1. - 14.6.: Not regulated as dangerous goods.

IATA

14.1. - 14.6.: Not regulated as dangerous goods.

IMDG

14.1. - 14.6.: Not regulated as dangerous goods.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: Regulatory information

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

EU regulations

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended

Not listed.

Regulation (EC) No. 850/2004 On persistent organic pollutants, Annex I as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended

Not listed.

Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended

Not listed.

Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA

Not listed.

Authorisations

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended

Not listed.

Restrictions on use

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended

Not listed.

Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended.

Not listed.

Other EU regulations

Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended

Not listed.

Other regulations

The product is classified and labelled in accordance with Regulation (EC) 1272/2008 (CLP Regulation) as amended. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006, as amended.

National regulations

Follow national regulation for work with chemical agents in accordance with Directive 98/24/EC, as amended.

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

List of abbreviations

Not available.

References

Not available.

Information on evaluation method leading to the classification of mixture

The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.

Full text of any H-statements not written out in full under Sections 2 to 15

H225 Highly flammable liquid and vapour.
H301 Toxic if swallowed.
H311 Toxic in contact with skin.
H319 Causes serious eye irritation.
H331 Toxic if inhaled.
H336 May cause drowsiness or dizziness.
H370 Causes damage to organs.

Revision information

Composition / Information on Ingredients: Disclosure Overrides
SECTION 3: Composition/information on ingredients: Component information
SECTION 5: Firefighting measures: Special fire fighting procedures
SECTION 10: Stability and reactivity: 10,4. Conditions to avoid
SECTION 11: Toxicological information: Aspiration hazard
SECTION 11: Toxicological information: Carcinogenicity
SECTION 11: Toxicological information: Skin corrosion/irritation
SECTION 11: Toxicological information: Serious eye damage/eye irritation
SECTION 11: Toxicological information: Mutagenicity
SECTION 11: Toxicological information: Reproductivity
SECTION 11: Toxicological information: Respiratory sensitisation
SECTION 11: Toxicological information: Skin contact
SECTION 11: Toxicological information: Specific target organ toxicity - repeated exposure
SECTION 11: Toxicological information: Specific target organ toxicity - single exposure

Training information

Follow training instructions when handling this material.

Disclaimer

This safety data sheet (SDS) is issued based on the latest reference, data etc currently available. The information in this SDS has been carefully assessed, but no guarantee is given for its accuracy. We cannot anticipate all conditions under which this product may be used. It is the user's responsibility to take appropriate safety measures for handling.