SAFETY DATA SHEET

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

1.1. Product identifier

Trade name or designation

PC

of the mixture

Registration number

Synonyms POLYCARBONATE Issue date 21-August-2019

Version number

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

MCPP Netherlands BV Company name

Grasbeemd 19, 5705DE Helmond, The Netherlands **Address** Telephone +31 (0)492 210 210 (Office hours Mo. - Fr. 8:30 - 17:00)

Product Compliance Contact person

product.compliance@mcpp-europe.com e-mail

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

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

Supplemental label information None.

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

SECTION 3: Composition/information on ingredients

3.2. Mixtures

General information

/ EC No. REACH Registration No. In-	dex No. Notes
6-68-3 -	-
3.	-68-3 -

Classification:

Material name: PC SDS EU

48572 Version #: 01 Issue date: 21-August-2019

Chemical name % CAS-No. / EC No. REACH Registration No. Index No. Notes 80-05-7 Bisphenol-A < 0.1 604-030-00-0

201-245-8

Classification: Skin Sens. 1;H317, Eye Dam. 1;H318, STOT SE 3;H335, Repr. 1B;H360F, Aquatic

Chronic 2;H411

Other components below reportable

levels

List of abbreviations and symbols that may be used above

#: This substance has been assigned Union workplace exposure limit(s).

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

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.

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

4.2. Most important symptoms and effects, both acute and

Exposure may cause temporary irritation, redness, or discomfort.

delayed

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

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

Unsuitable extinguishing

media

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

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

personnel

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

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

Observe good industrial hygiene practices.

handling

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 (G Components	Туре	Value	Form
Bisphenol-A (CAS 80-05-7)	Ceiling	5 mg/m3	Inhalable fraction.
	MAK	2 mg/m3	Inhalable fraction.
Belgium. Exposure Limit Values.			
Components	Туре	Value	
Bisphenol-A (CAS 80-05-7)	TWA	2 mg/m3	
Bulgaria. OELs. Regulation No 13 on	protection of workers again	st risks of exposure to che	mical agents at work
Components	Туре	Value	Form
Bisphenol-A (CAS 80-05-7)	TWA	2 mg/m3	Inhalable fraction.
Croatia. Dangerous Substance Expos Components	sure Limit Values in the Wor Type	kplace (ELVs), Annexes 1 a Value	nd 2, Narodne Novine, 13/0 Form
Bisphenol-A (CAS 80-05-7)	MAC	2 mg/m3	Total dust.
Czech Republic. OELs. Government I	Decree 361		
Components	Туре	Value	Form
Bisphenol-A (CAS 80-05-7)	Ceiling	5 mg/m3	Dust/aerosol, inhalable.
	TWA	2 mg/m3	Dust/aerosol, inhalable.
Denmark. Exposure Limit Values			
-	Туре	Value	Form
Denmark. Exposure Limit Values Components Bisphenol-A (CAS 80-05-7)	Type TLV	Value 2 mg/m3	Form Particulate.
Components Bisphenol-A (CAS 80-05-7) Estonia. OELs. Occupational Exposu 2001)	TLV re Limits of Hazardous Subs	2 mg/m3	Particulate. on No. 293 of 18 Septembe
Components Bisphenol-A (CAS 80-05-7) Estonia. OELs. Occupational Exposu 2001) Components	TLV re Limits of Hazardous Subs	2 mg/m3 stances. (Annex of Regulati Value	Particulate. on No. 293 of 18 Septembe Form
Components Bisphenol-A (CAS 80-05-7) Estonia. OELs. Occupational Exposu 2001) Components Bisphenol-A (CAS 80-05-7)	TLV re Limits of Hazardous Subs	2 mg/m3	Particulate. on No. 293 of 18 Septembe
Components Bisphenol-A (CAS 80-05-7) Estonia. OELs. Occupational Exposu 2001) Components Bisphenol-A (CAS 80-05-7) Finland. Workplace Exposure Limits	TLV re Limits of Hazardous Subs Type TWA	2 mg/m3 stances. (Annex of Regulati Value	Particulate. on No. 293 of 18 Septembe Form
Components Bisphenol-A (CAS 80-05-7) Estonia. OELs. Occupational Exposu 2001) Components Bisphenol-A (CAS 80-05-7) Finland. Workplace Exposure Limits Components	TLV re Limits of Hazardous Subs Type TWA Type	2 mg/m3 stances. (Annex of Regulati Value 2 mg/m3 Value	Particulate. on No. 293 of 18 Septembe Form
Components Bisphenol-A (CAS 80-05-7) Estonia. OELs. Occupational Exposu 2001) Components Bisphenol-A (CAS 80-05-7) Finland. Workplace Exposure Limits Components Bisphenol-A (CAS 80-05-7)	TLV re Limits of Hazardous Subs Type TWA Type TWA	2 mg/m3 stances. (Annex of Regulati Value 2 mg/m3 Value 2 mg/m3	Particulate. on No. 293 of 18 Septembe Form Respirable fraction.
Components Bisphenol-A (CAS 80-05-7) Estonia. OELs. Occupational Exposu 2001) Components Bisphenol-A (CAS 80-05-7) Finland. Workplace Exposure Limits Components Bisphenol-A (CAS 80-05-7) France. Threshold Limit Values (VLE)	TLV re Limits of Hazardous Subs Type TWA Type TWA TWA P) for Occupational Exposur	2 mg/m3 stances. (Annex of Regulation Value 2 mg/m3 Value 2 mg/m3 re to Chemicals in France, I	Particulate. on No. 293 of 18 Septembe Form Respirable fraction.
Components Bisphenol-A (CAS 80-05-7) Estonia. OELs. Occupational Exposu 2001) Components Bisphenol-A (CAS 80-05-7) Finland. Workplace Exposure Limits Components Bisphenol-A (CAS 80-05-7) France. Threshold Limit Values (VLE) Components	TLV re Limits of Hazardous Subs Type TWA Type TWA P) for Occupational Exposur	2 mg/m3 stances. (Annex of Regulati Value 2 mg/m3 Value 2 mg/m3 re to Chemicals in France, I	Particulate. on No. 293 of 18 Septembe Form Respirable fraction. NRS ED 984
Components Bisphenol-A (CAS 80-05-7) Estonia. OELs. Occupational Exposu 2001) Components Bisphenol-A (CAS 80-05-7) Finland. Workplace Exposure Limits Components Bisphenol-A (CAS 80-05-7) France. Threshold Limit Values (VLE) Components Bisphenol-A (CAS 80-05-7)	TLV re Limits of Hazardous Subs Type TWA Type TWA TWA P) for Occupational Exposur	2 mg/m3 stances. (Annex of Regulation Value 2 mg/m3 Value 2 mg/m3 re to Chemicals in France, I Value	Particulate. on No. 293 of 18 Septembe Form Respirable fraction. NRS ED 984 Form
Components Bisphenol-A (CAS 80-05-7) Estonia. OELs. Occupational Exposu 2001) Components Bisphenol-A (CAS 80-05-7) Finland. Workplace Exposure Limits Components Bisphenol-A (CAS 80-05-7) France. Threshold Limit Values (VLE) Components Bisphenol-A (CAS 80-05-7) Regulatory status: Regulatory by Germany. DFG MAK List (advisory Ole	TLV re Limits of Hazardous Substitution Type TWA Type TWA P) for Occupational Exposur Type VME Dinding (VRC)	2 mg/m3 stances. (Annex of Regulation Value 2 mg/m3 Value 2 mg/m3 re to Chemicals in France, I Value 10 mg/m3	Particulate. on No. 293 of 18 Septembe Form Respirable fraction. NRS ED 984 Form Inhalable dust.
Components Bisphenol-A (CAS 80-05-7) Estonia. OELs. Occupational Exposurational	TLV re Limits of Hazardous Substitution Type TWA Type TWA P) for Occupational Exposur Type VME Dinding (VRC)	2 mg/m3 stances. (Annex of Regulation Value 2 mg/m3 Value 2 mg/m3 re to Chemicals in France, I Value 10 mg/m3	Particulate. on No. 293 of 18 Septembe Form Respirable fraction. NRS ED 984 Form Inhalable dust.
Components Bisphenol-A (CAS 80-05-7) Estonia. OELs. Occupational Exposu 2001) Components Bisphenol-A (CAS 80-05-7) Finland. Workplace Exposure Limits Components Bisphenol-A (CAS 80-05-7) France. Threshold Limit Values (VLE) Components Bisphenol-A (CAS 80-05-7) Regulatory status: Regulatory by the Components Regulatory by the Components Germany. DFG MAK List (advisory Offin the Work Area (DFG) Components	TLV re Limits of Hazardous Substitution Type TWA Type TWA P) for Occupational Exposur Type VME binding (VRC) ELs). Commission for the In	2 mg/m3 stances. (Annex of Regulation Value 2 mg/m3 Value 2 mg/m3 re to Chemicals in France, In Value 10 mg/m3 vestigation of Health Hazar	Particulate. fon No. 293 of 18 September Form Respirable fraction. NRS ED 984 Form Inhalable dust. ds of Chemical Compounds
Bisphenol-A (CAS 80-05-7) Estonia. OELs. Occupational Exposu 2001) Components Bisphenol-A (CAS 80-05-7) Finland. Workplace Exposure Limits Components Bisphenol-A (CAS 80-05-7) France. Threshold Limit Values (VLE) Components Bisphenol-A (CAS 80-05-7) Regulatory status: Regulatory by the Work Area (DFG) Components Bisphenol-A (CAS 80-05-7) Germany. DFG MAK List (advisory Offin the Work Area (DFG) Components Bisphenol-A (CAS 80-05-7) Germany. TRGS 900, Limit Values in the Work TRGS 900, Limit Values 900, Li	TLV re Limits of Hazardous Substitution Type TWA Type TWA P) for Occupational Exposur Type VME binding (VRC) ELs). Commission for the In Type TWA	2 mg/m3 stances. (Annex of Regulation Value 2 mg/m3 Value 2 mg/m3 re to Chemicals in France, In Value 10 mg/m3 vestigation of Health Hazar Value 5 mg/m3	Particulate. on No. 293 of 18 Septembe Form Respirable fraction. NRS ED 984 Form Inhalable dust. ds of Chemical Compounds Form
Components Bisphenol-A (CAS 80-05-7) Estonia. OELs. Occupational Exposu 2001) Components Bisphenol-A (CAS 80-05-7) Finland. Workplace Exposure Limits Components Bisphenol-A (CAS 80-05-7) France. Threshold Limit Values (VLE) Components Bisphenol-A (CAS 80-05-7)	TLV re Limits of Hazardous Substitution Type TWA Type TWA P) for Occupational Exposur Type VME binding (VRC) ELs). Commission for the In Type TWA the Ambient Air at the Work	2 mg/m3 stances. (Annex of Regulation Value 2 mg/m3 Value 2 mg/m3 re to Chemicals in France, Invalue 10 mg/m3 vestigation of Health Hazar Value 5 mg/m3 place	Particulate. on No. 293 of 18 Septembe Form Respirable fraction. NRS ED 984 Form Inhalable dust. ds of Chemical Compounds Form Inhalable fraction.
Components Bisphenol-A (CAS 80-05-7) Estonia. OELs. Occupational Exposu 2001) Components Bisphenol-A (CAS 80-05-7) Finland. Workplace Exposure Limits Components Bisphenol-A (CAS 80-05-7) France. Threshold Limit Values (VLE) Components Bisphenol-A (CAS 80-05-7) Regulatory status: Regulatory by the Work Area (DFG) Components Bisphenol-A (CAS 80-05-7) Germany. DFG MAK List (advisory Olin the Work Area (DFG) Components Bisphenol-A (CAS 80-05-7) Germany. TRGS 900, Limit Values in Components	TLV re Limits of Hazardous Substitution Type TWA Type TWA P) for Occupational Exposur Type VME binding (VRC) ELs). Commission for the In Type TWA the Ambient Air at the Work Type AGW	2 mg/m3 stances. (Annex of Regulation Value 2 mg/m3 Value 2 mg/m3 re to Chemicals in France, I Value 10 mg/m3 vestigation of Health Hazar Value 5 mg/m3 place Value	Particulate. fon No. 293 of 18 Septembe Form Respirable fraction. NRS ED 984 Form Inhalable dust. ds of Chemical Compounds Form Inhalable fraction. Form

Hungary. OELs. Joint Decree on Chemica Components	Type	Value	Form
Bisphenol-A (CAS 80-05-7)	TWA	2 mg/m3	Inhalable fraction.
celand. OELs. Regulation 154/1999 on oc Components	cupational exposure limits Type	Value	Form
Bisphenol-A (CAS 80-05-7)	TWA	2 mg/m3	Inhalable fraction.
reland. Occupational Exposure Limits Components	Туре	Value	Form
Bisphenol-A (CAS 80-05-7)	TWA	2 mg/m3	Inhalable dust.
taly. Occupational Exposure Limits Components	Туре	Value	Form
Bisphenol-A (CAS 80-05-7)	TWA	10 mg/m3	Inhalable dust.
Latvia. OELs. Occupational exposure limit Components	t values of chemical substances in Type	work environment Value	Form
Bisphenol-A (CAS 80-05-7)	TWA	2 mg/m3	Inhalable fraction.
Lithuania. OELs. Limit Values for Chemic Components	al Substances, General Requiremer Type	nts Value	Form
Bisphenol-A (CAS 80-05-7)	TWA	2 mg/m3	Respirable dust.
Luxembourg. Binding Occupational expos	sure limit values (Annex I), Memoria Type	l A Value	Form
Bisphenol-A (CAS 80-05-7)	TWA	2 mg/m3	Inhalable fraction.
Malta. OELs. Occupational Exposure Limi Schedules I and V)	t Values (L.N. 227. of Occupational	Health and Safety <i>I</i>	Authority Act (CAP. 424
Components	Туре	Value	Form
Bisphenol-A (CAS 80-05-7)	TWA	2 mg/m3	Inhalable fraction.
Netherlands. OELs (binding) Components	Туре	Value	Form
Bisphenol-A (CAS 80-05-7)	TWA	2 mg/m3	Inhalable fraction.
Norway. Administrative Norms for Contan Components	ninants in the Workplace Type	Value	Form
Bisphenol-A (CAS 80-05-7)	TLV	2 mg/m3	Inhalable fraction.
Ordinance of the Minister of Labour and S ntensities of harmful health factors in the	work environment, Journal of Law	s 2014, item 817	
Components	Type	Value	Form
Bisphenol-A (CAS 80-05-7)	TWA	2 mg/m3	Inhalable fraction.
Portugal. OELs. Decree-Law n. 290/2001 (Components	Journal of the Republic - 1 Series A Type	, n.266) Value	Form
Bisphenol-A (CAS 80-05-7)	TWA	2 mg/m3	Inhalable fraction.
Romania. OELs. Protection of workers fro		· ·	Inhalable fraction. Form
Romania. OELs. Protection of workers fro Components	m exposure to chemical agents at t	he workplace	
Romania. OELs. Protection of workers fro Components Bisphenol-A (CAS 80-05-7) Slovakia. OELs. Regulation No. 300/2007 of	m exposure to chemical agents at t Type TWA	he workplace Value 2 mg/m3	Form Inhalable fraction.
Bisphenol-A (CAS 80-05-7) Romania. OELs. Protection of workers fro Components Bisphenol-A (CAS 80-05-7) Slovakia. OELs. Regulation No. 300/2007 of Components Bisphenol-A (CAS 80-05-7)	m exposure to chemical agents at t Type TWA concerning protection of health in w	he workplace Value 2 mg/m3 vork with chemical	Form Inhalable fraction. agents
Romania. OELs. Protection of workers fro Components Bisphenol-A (CAS 80-05-7) Slovakia. OELs. Regulation No. 300/2007 of Components	m exposure to chemical agents at t Type TWA concerning protection of health in w Type TWA TWA protection of workers against risks of	he workplace Value 2 mg/m3 vork with chemical Value 2 mg/m3	Form Inhalable fraction. agents Form Inhalable fraction.
Romania. OELs. Protection of workers fro Components Bisphenol-A (CAS 80-05-7) Blovakia. OELs. Regulation No. 300/2007 of Components Bisphenol-A (CAS 80-05-7) Blovenia. OELs. Regulations concerning p	m exposure to chemical agents at t Type TWA concerning protection of health in w Type TWA TWA protection of workers against risks of	he workplace Value 2 mg/m3 vork with chemical Value 2 mg/m3	Form Inhalable fraction. agents Form Inhalable fraction.

Spain. Occupational Exposure Limits

Components Value Type Bisphenol-A (CAS 80-05-7) **TWA** 2 mg/m3

Sweden. OELs. Work Environment Authority (AV), Occupational Exposure Limit Values (AFS 2015:7) **Form** Components Value Type

TWA Inhalable dust. Bisphenol-A (CAS 80-05-7) 2 mg/m3

Switzerland. SUVA Grenzwerte am Arbeitsplatz

Components Type Bisphenol-A (CAS 80-05-7) STEL 5 mg/m3 Inhalable fraction.

> **TWA** 5 mg/m3 Inhalable fraction.

Value

Form

UK. EH40 Workplace Exposure Limits (WELs)

Value Components Type

Bisphenol-A (CAS 80-05-7) **TWA** 2 mg/m3 EU. Indicative Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU

Components Type Value TWA Inhalable fraction. Bisphenol-A (CAS 80-05-7) 2 mg/m3

No biological exposure limits noted for the ingredient(s). **Biological limit values**

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

Personal protection equipment should be chosen according to the CEN standards and in **General information**

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.

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

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. filament **Form**

Colour Color depends on product specification

Odour Slight.

Not available. **Odour threshold** Not available. pН > 135 °C (> 275 °F) Melting point/freezing point

Material name: PC SDS EU

48572 Version #: 01 Issue date: 21-August-2019

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 pressureNot available.Vapour densityNot available.Relative densityNot available.

Solubility(ies)

Solubility (water) Not available.

Partition coefficient Not available.

(n-octanol/water)

Auto-ignition temperature > 550 °C (> 1022 °F)

Decomposition temperatureNot available.ViscosityNot available.Explosive propertiesNot explosive.Oxidising propertiesNot oxidising.

9.2. Other information

Density 1,10 - 1,30 g/cm³

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 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Contact with

incompatible materials. Strong oxidising agents.

10.5. Incompatible materials

10.6. Hazardous

Irritating and/or toxic fumes and gases may be emitted upon the products decomposition.

decomposition products

SECTION 11: Toxicological information

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

Information on likely routes of exposure

InhalationBased on available data, the classification criteria are not met.Skin contactBased on available data, the classification criteria are not met.Eye contactBased 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 Not known.

Skin corrosion/irritation

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

Serious eye damage/eye

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

irritation

Respiratory sensitisationBased on available data, the classification criteria are not met.Skin sensitisationBased on available data, the classification criteria are not met.Germ cell mutagenicityBased on available data, the classification criteria are not met.CarcinogenicityBased 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

Specific target organ toxicity -

single exposure

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

Specific target organ toxicity -

repeated exposure **Aspiration hazard**

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

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

Mixture versus substance

information

No information available.

This product has no known adverse effect on human health. Other information

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

No data is available on the degradability of any ingredients in the mixture.

12.3. Bioaccumulative potential

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

Not applicable.

according to Annex II of MARPOL 73/78 and the IBC

Code

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

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

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

H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H335 May cause respiratory irritation.

H360F May damage fertility.

H411 Toxic to aquatic life with long lasting effects.

Revision information None.

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.