Moistening fluid of DISKO Synthetics Cleaning Cloths

Version: 2.0 Revision Date 10.01.2017 Print Date 10.01.2017

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

1.1 Product identifier

Trade name : Moistening fluid of DISKO Synthetics Cleaning Cloths, contained in CTCoin - Cleaning set for cash handling machines

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

Use of the Substance/Mixture : Cleaner (plastic) for professional application in industry and trade

1.3 Details of the supplier of the safety data sheet

Company : DISKO EDV-Reinigungsprodukte GmbH

Resselgasse 1
A - 2201 Gerasdorf bei Wien

Telephone : +43 1 734 35 96
Telefax : +43 1 734 35 96 15

E-mail address : info@disko.com

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Flammable liquids, Category 3	H226: Flammable liquid and vapour.
Serious eye damage, Category 1	H318: Causes serious eye damage.
Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.

Classification (67/548/EEC, 1999/45/EC)

Flammable	R10: Flammable.
Sensitising	R43: May cause sensitisation by skin contact.
Irritant	R36: Irritating to eyes.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal word : Danger

Hazard statements :

H226	Flammable liquid and vapour.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.

Precautionary statements :

Prevention:

P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P280	Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response:

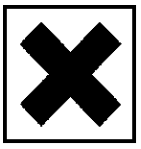
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor/ physician.
P362 + P364	Take off contaminated clothing and wash it before reuse.

Hazardous components which must be listed on the label:

- 68411-31-4 Benzenesulfonic acid, C10-13-alkyl derivs., compds. with triethanolamine
- 8028-48-6 Orange, sweet, ext.

Labelling according to EC Directives (1999/45/EC)

Hazard pictograms :



Irritant

R-phrase(s) :

R10	Flammable.
R36	Irritating to eyes.
R43	May cause sensitisation by skin contact.

S-phrase(s) :

S24	Avoid contact with skin.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37	Wear suitable gloves.
S60	This material and its container must be disposed of as hazardous waste.

Hazardous components which must be listed on the label:
- 8028-48-6 Orange, sweet, ext.

2.3 Other hazards

The information required is contained in this Material Safety Data Sheet.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Chemical nature : Mixture of organic solvents.

Hazardous components

Chemical Name	CAS-No. EC-No. Registration number	Classification (67/548/EEC)	Classification (REGULATION (EC) No 1272/2008)	Concentration [%]
Ethanol	64-17-5 200-578-6	F; R11	Flam. Liq. 2; H225 Eye Irrit. 2; H319	>= 3 - < 10
Benzenesulfonic acid, C10-13-alkyl derivs., compds. with triethanolamine	68411-31-4 270-116-6	Xi; R38-R41	Skin Irrit. 2; H315 Eye Dam. 1; H318	>= 1 - < 2.5
Propan-2-ol	67-63-0 200-661-7 01-2119457558-25	F; R11 Xi; R36 R67	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336	>= 1 - < 2.5

2-(2-Butoxyethoxy)ethanol; diethylene glycol monobutyl ether	112-34-5 203-961-6 01-2119475104-44	Xi; R36	Eye Irrit. 2; H319	>= 1 - < 2.5
3-Butoxypropan-2-ol,propylene glycol monobutyl ether	5131-66-8 225-878-4 01-2119475527-28	Xi; R36/38	Eye Irrit. 2; H319 Skin Irrit. 2; H315	>= 1 - < 2.5
1-Propoxypropan-2-ol	1569-01-3 216-372-4 01-2119474443-37	R10	Flam. Liq. 3; H226 Eye Irrit. 2; H319	>= 1 - < 2.5
Orange, sweet, ext.	8028-48-6 232-433-8 01-2119493353-35	R10 Xn; R65 R43 Xi; R38 N; R51/53	Flam. Liq. 3; H226 Skin Irrit. 2; H315 Skin Sens. 1; H317 Asp. Tox. 1; H304 Aquatic Chronic 2; H411	>= 1 - < 2.5
Butyl glycollate	7397-62-8 230-991-7 01-2119514685-36	Xi; R41 Repr.Cat.3; R63	Eye Dam. 1; H318 Repr. 2; H361d	>= 1 - < 2.5

Substances with a workplace exposure limit :				
2-(3-Methoxypro-poxy)propan-1-ol	34590-94-8 252-104-2 01-2119450011-60		Not a hazard-ous substance or mixture ac-cording to Reg-ulation (EC) No. 1272/2008.	>= 2.5 - < 10

For the full text of the R-phrases mentioned in this Section, see Section 16.
For the full text of the H-Statements mentioned in this Section, see Section 16.
For the full text of the Notas mentioned in this Section, see Section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice	:	When symptoms persist or in all cases of doubt seek medical advice.
If inhaled	:	Provide fresh air. Keep patient warm and at rest. If symptoms persist, call a physician.
In case of skin contact	:	Take off all contaminated clothing immediately. After contact with skin, wash immediately with plenty of soap and water.
In case of eye contact	:	Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart. Seek medical advice.
If swallowed	:	Call a physician immediately. Keep at rest. Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms	:	Erythema

4.3 Indication of any immediate medical attention and special treatment needed

Treatment	:	Treat symptomatically. For specialist advice physicians should contact the Poisons Information Service.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	:	Alcohol-resistant foam Carbon dioxide (CO2) Dry powder Water spray jet
Unsuitable extinguishing media	:	High volume water jet

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-	:	Hazardous decomposition products formed under fire condi-

fighting		tions. Carbon monoxide Nitrogen oxides (NOx)

5.3 Advice for firefighters

Special protective equipment for firefighters	:	Wear self-contained breathing apparatus for firefighting if necessary.
Further information	:	Use water spray to cool unopened containers. Suppress (knock down) gases/vapours/mists with a water spray jet. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	:	Ensure adequate ventilation. Do not breathe vapours, aerosols. Remove all sources of ignition.

6.2 Environmental precautions

Environmental precautions	:	Do not empty into drains. Inform the relevant authorities if it enters sewers, aquatic environment or soil.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up	:	Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

See chapter 8 and 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling	:	Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharges. Avoid contact with skin and eyes. Do not breathe vapours or spray mist. When using do not eat, drink or smoke.

For personal protection see section 8.

Advice on protection against fire and explosion : Vapours are heavier than air and may spread along floors.
Vapours may form explosive mixtures with air.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Follow the water regulations.
Keep only in the original container in a cool, well-ventilated place.
Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Further information on storage conditions : Keep only in the original container in a cool, well-ventilated place.
Keep away from heat.
Keep away from sources of ignition - No smoking.
Keep at temperatures between - 7°C and 40°C.

Advice on common storage : Incompatible with oxidizing agents.

7.3 Specific end use(s)

Specific use(s) : Cleaner (plastic) for professional application in industry and trade

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Components	CAS-No.	Value	Control parameters	Update	Basis
2-(3-Methoxypropoxy)propan-1-ol	34590-94-8	TWA	50 ppm 308 mg/m3	2009-12-19	2000/39/EC
Further information	: skin: Identifies the possibility of significant uptake through the skin Indicative				
	34590-94-8	TWA	50 ppm 308 mg/m3	2005-04-06	GB EH40
Further information	: Sk: Can be absorbed through skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity. Where no specific short-term exposure limit is listed, a figure three times the long-term exposure should be used				
Ethanol	64-17-5	TWA	1,000 ppm	2005-04-06	GB EH40

			1,920 mg/m3		
Further information	: 2: Where no specific short-term exposure limit is listed, a figure three times the long-term exposure should be used				
Propan-2-ol	67-63-0	TWA	400 ppm 999 mg/m3	2006-09-01	GB EH40
	67-63-0	STEL	500 ppm 1,250 mg/m3	2006-09-01	GB EH40
2-(2-Butoxyethoxy)ethanol; diethylene glycol monobutyl ether	112-34-5	TWA	10 ppm 67.5 mg/m3	2009-12-19	2006/15/EC
Further information	: Indicative				
	112-34-5	STEL	15 ppm 101.2 mg/m3	2009-12-19	2006/15/EC
Further information	: Indicative				
	112-34-5	TWA	10 ppm 67.5 mg/m3	2007-08-01	GB EH40
	112-34-5	STEL	15 ppm 101.2 mg/m3	2007-08-01	GB EH40

DNEL/DMEL

Ethanol : End Use: DNEL, Workers
Exposure routes: Inhalation
Potential health effects: Long-term systemic effects
Value: 950 mg/m3

Propan-2-ol : End Use: DNEL, Workers
Exposure routes: Skin contact
Potential health effects: Long-term systemic effects
Value: 888 mg/kg bw/d

		End Use: DNEL, Workers Exposure routes: Inhalation Potential health effects: Long-term systemic effects Value: 500 mg/m3
2-(2-Butoxyethoxy)ethanol; diethylene glycol monobutyl ether	:	End Use: DNEL, Industrial use, Workers Exposure routes: Inhalation Potential health effects: Acute local effects Value: 14 ppm End Use: DNEL, Industrial use, Workers Exposure routes: Inhalation Potential health effects: Long-term systemic effects Value: 10 ppm End Use: DNEL, Industrial use, Workers Exposure routes: Inhalation Potential health effects: Acute effects, Long-term exposure Value: 10 ppm End Use: DNEL, Industrial use, Workers Exposure routes: Skin contact Potential health effects: Long-term systemic effects Value: 20 mg/kg End Use: DNEL, Workers Exposure routes: Inhalation Potential health effects: Long-term systemic effects Value: 67.5 mg/m3 End Use: DNEL, Workers Exposure routes: Inhalation Potential health effects: Long-term local effects Value: 67.5 mg/m3
3-Butoxypropan-2-ol,propylene glycol mono-butyl ether	:	End Use: DNEL, Industrial use, Workers Exposure routes: Skin contact Potential health effects: Long-term systemic effects Value: 44 mg/kg bw/d End Use: DNEL, Workers Exposure routes: Inhalation Potential health effects: Long-term systemic effects Value: 270.5 mg/m3
1-Propoxypropan-2-ol	:	End Use: DNEL, Industrial use, Workers Exposure routes: Skin contact Potential health effects: Long-term systemic effects Value: 9 mg/kg bw/d End Use: DNEL, Workers

		Exposure routes: Inhalation Potential health effects: Long-term systemic effects Value: 217 mg/m3
Orange, sweet, ext.	:	End Use: DNEL, Workers Exposure routes: Skin contact Potential health effects: Short-term exposure Value: 0.19 mg/cm2 End Use: DNEL, Workers Exposure routes: Inhalation Potential health effects: Long-term exposure Value: 31.1 mg/m3
Butyl glycollate	:	End Use: DNEL, Workers Exposure routes: Inhalation Potential health effects: Long-term systemic effects Value: 21.2 mg/m3
2-(3-Methoxypropoxy)propan-1-ol	:	End Use: DNEL, Workers Exposure routes: Skin contact Potential health effects: Long-term systemic effects Value: 65 mg/kg bw/d End Use: DNEL, Workers Exposure routes: Inhalation Potential health effects: Long-term systemic effects Value: 310 mg/m3
PNEC		
Propan-2-ol	:	Fresh water Value: 140.9 mg/l Marine water Value: 140.9 mg/l Behaviour in waste water treatment plants Value: 2251 mg/l Sediment Value: 552 mg/kg dry weight (d.w.) Soil Value: 28 mg/kg dry weight (d.w.)
2-(2-Butoxyethoxy)ethanol; diethylene glycol monobutyl ether	:	Fresh water Value: 1 mg/l Marine water Value: 0.4 mg/l

		Estuary sediment Value: 4 mg/l
3-Butoxypropan-2-ol,propylene glycol mono-butyl ether	:	Fresh water Value: 0.525 mg/l Marine water Value: 0.0525 mg/l Fresh water sediment Value: 2.36 mg/kg dry weight (d.w.) Marine sediment Value: 0.236 mg/kg dry weight (d.w.) Soil Value: 0.16 mg/kg
1-Propoxypropan-2-ol	:	Fresh water Value: 0.1 mg/l Marine water Value: 0.01 mg/l Fresh water sediment Value: 0.386 mg/kg dry weight (d.w.) Marine sediment Value: 0.0386 mg/kg dry weight (d.w.) Soil Value: 0.0185 mg/kg
Orange, sweet, ext.	:	Fresh water Value: 0.005 mg/l Marine water Value: 0.0005 mg/l Behaviour in waste water treatment plants Value: 2.1 mg/l Intermittent use/release Value: 0.0058 mg/l Fresh water sediment Value: 1.3 mg/kg dry weight (d.w.) Marine sediment Value: 0.13 mg/kg dry weight (d.w.)

		Soil Value: 0.261 mg/kg dry weight (d.w.) Oral Value: 13.3 mg/kg
Butyl glycollate	:	Fresh water Value: 0.05 mg/l Marine water Value: 0.005 mg/l Behaviour in waste water treatment plants Value: 232 mg/l Fresh water sediment Value: 0.203 mg/kg Marine sediment Value: 0.0203 mg/kg Soil Value: 0.0112 mg/kg
2-(3-Methoxypropoxy)propan-1-ol	:	Fresh water Value: 19 mg/l Marine water Value: 1.9 mg/l Behaviour in waste water treatment plants Value: 4168 mg/l Fresh water sediment Value: 70.2 mg/kg Marine sediment Value: 7.02 mg/kg Soil Value: 2.74 mg/kg

8.2 Exposure controls

Engineering measures

Handle only in a place equipped with local exhaust (or other appropriate exhaust).

Personal protective equipment

Respiratory protection : When workers are facing concentrations above the exposure

limit they must use appropriate certified respirators.
Recommended Filter type:
ABEK-filter
The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used.

Hand protection	:	Chemical resistant gloves made of butyl rubber or nitrile rubber category III according to EN 374.
Eye protection	:	Safety glasses with side-shields
Skin and body protection	:	Protective suit
Protective measures	:	Follow the skin protection plan.

Environmental exposure controls

General advice	:	Do not empty into drains. Inform the relevant authorities if it enters sewers, aquatic environment or soil.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Odour	:	characteristic
Flash point	:	43 °C (closed pan)
pH	:	non-applicable
Boiling point/boiling range	:	non-applicable
Density	:	0.99 g/cm3 at 20 °C Method: DIN 51757

Water solubility	:	optional

9.2 Other information

Explosivity	:	non explosive product
Flammability	:	no flammable product - non-self-flammable

SECTION 10: Stability and reactivity

10.1 Reactivity

No hazards to be specially mentioned.

10.2 Chemical stability

The product is chemically stable.

10.3 Possibility of hazardous reactions

Hazardous reactions	:	No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid

Conditions to avoid	:	Product is stable under appropriate usage.

10.5 Incompatible materials

Materials to avoid	:	Oxidizing agents

10.6 Hazardous decomposition products

Hazardous decomposition products	:	Carbon dioxide (CO2), carbon monoxide (CO), oxides of nitrogen (NOx), dense black smoke.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Acute oral toxicity

Ethanol	:	LD50: 6,200 mg/kg Species: Rat
Propan-2-ol	:	LD50: 5,840 mg/kg Species: Rat Method: OECD Test Guideline 401
2-(2-Butoxyethoxy)ethanol;	:	LD50: 3,384 mg/kg

diethylene glycol monobutyl ether		Species: Rat
3-Butoxypropan-2-ol,propylene glycol mono-butyl ether	:	LD50: > 2,000 mg/kg Species: Rat Method: OECD Test Guideline 423
1-Propoxypropan-2-ol	:	LD50: 2,000 - 4,350 mg/kg Species: Rat
Orange, sweet, ext.	:	LD50: > 5,000 mg/kg Species: Rat
Butyl glycollate	:	LD50: 4,595 mg/kg Species: Rat Method: OECD Test Guideline 401
2-(3-Methoxypropoxy)propan-1-ol	:	LD50: 5,135 mg/kg Species: Rat

Acute inhalation toxicity

Ethanol	:	LC50: 124.7 mg/l Exposure time: 4 h Species: Rat
Propan-2-ol	:	LC50: 30 mg/l Exposure time: 4 h Species: Rat

Acute dermal toxicity

Propan-2-ol	:	LD50: 13,900 mg/kg Species: Rabbit Method: OECD Test Guideline 402
2-(2-Butoxyethoxy)ethanol; diethylene glycol monobutyl ether	:	LD50: 2,700 mg/kg Species: Rabbit
3-Butoxypropan-2-ol,propylene glycol mono-butyl ether	:	LD50: > 2,000 mg/kg Species: Rat Method: OECD Test Guideline 402
1-Propoxypropan-2-ol	:	LD50: 3,600 - 4,500 mg/kg Species: Rabbit
Orange, sweet, ext.	:	LD50: > 5,000 mg/kg Species: Rabbit
2-(3-Methoxypropoxy)propan-1-ol	:	LD50: 9,510 mg/kg Species: Rabbit

Skin corrosion/irritation

Skin irritation	:	Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin resulting in desiccation of the skin.

Serious eye damage/eye irritation

Eye irritation	:	The liquid splashed in the eyes may cause irritation and reversible damage.

Respiratory or skin sensitisation

Sensitisation	:	This information is not available.

Sensitisation		
3-Butoxypropan-2-ol,propylene glycol monobutyl ether	:	Buehler Test Species: Guinea pig No sensitising effects are known.

Germ cell mutagenicity

Orange, sweet, ext.	:	In vitro tests did not show mutagenic effects

Carcinogenicity

Remarks	:	Not classifiable as a human carcinogen.

Reproductive toxicity

Butyl glycollate	:	NOEL INVITTOX. 1992. Protocol No.47: HET-CAM Test: 250 mg/kg Species: Rat Number of exposures: /day Method: OECD Test Guideline 414 GLP: yes

Teratogenicity		
Orange, sweet, ext.	:	NOEL: 591 mg/kg NOAEL parents NOEL: 250 mg/kg Species: Rat

Teratogenicity

Remarks		
Butyl glycollate	:	Suspected of damaging the unborn child.

Target Organ Systemic Toxicant - Repeated exposure
Orange, sweet, ext. : Species: Mouse
Application Route: Oral

Further information : According to many years of experience, there are no known harmful effects when handled properly.
Description of possible hazardous to health effects is based on experience and/or toxicological characteristics of several components.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish : No data available

Toxicity to fish

Ethanol	:	LC50: 8,150 mg/l Exposure time: 48 h Species: Leuciscus idus (Golden orfe)
Propan-2-ol	:	LC50: 8,970 mg/l Exposure time: 48 h Species: Leuciscus idus (Golden orfe) LC50: 9,640 mg/l Exposure time: 96 h Species: Pimephales promelas (Fathead minnow)
2-(2-Butoxyethoxy)ethanol; diethylene glycol monobutyl ether	:	LC50: 2,750 mg/l Exposure time: 48 h Species: Leuciscus idus (Golden orfe) Method: DIN 38412 LC50: 1,300 mg/l Exposure time: 96 h Species: Lepomis macrochirus (Bluegill sunfish)
3-Butoxypropan-2-ol,propylene glycol mono-butyl ether	:	LC50: > 100 mg/l Exposure time: 96 h Species: Pimephales promelas (Fathead minnow)
1-Propoxypropan-2-ol	:	LC50: > 100 mg/l Species: Oncorhynchus mykiss (rainbow trout)

Orange, sweet, ext.	:	LC50: 0.7 mg/l Exposure time: 96 h Species: Pimephales promelas (Fathead minnow) Method: OECD Test Guideline 203
2-(3-Methoxypropoxy)propan-1-ol	:	LC50: 10,000 mg/l Exposure time: 96 h Species: Pimephales promelas (fathead minnow)

Toxicity to daphnia and other aquatic invertebrates

Ethanol	:	EC50: 10,800 mg/l Exposure time: 24 h Species: Daphnia (water flea) Method: OECD Test Guideline 202
Propan-2-ol	:	LC50: 9,714 mg/l Exposure time: 24 h Species: Daphnia magna (Water flea)
2-(2-Butoxyethoxy)ethanol; diethylene glycol monobutyl ether	:	EC50: 2,850 mg/l Exposure time: 48 h Species: Daphnia (water flea)
3-Butoxypropan-2-ol,propylene glycol mono-butyl ether	:	static test EC50: > 1,000 mg/l Exposure time: 48 h Species: Daphnia magna (Water flea)
1-Propoxypropan-2-ol	:	LC50: 3,600 mg/l Species: Daphnia magna (Water flea)
Orange, sweet, ext.	:	EC50: 0.67 mg/l Exposure time: 48 h Species: Daphnia magna (Water flea) Method: OECD Test Guideline 202
2-(3-Methoxypropoxy)propan-1-ol	:	LC50: 1,919 mg/l Exposure time: 48 h Species: Daphnia magna (Water flea) NOEC: 0.5 mg/l Exposure time: 22 d Species: Daphnia magna (Water flea)

Toxicity to algae

Propan-2-ol	:	EC50: > 100 mg/l Exposure time: 72 h Species: Scenedesmus subspicatus
2-(2-Butoxyethoxy)ethanol;	:	NOEC: > 100 mg/l

diethylene glycol monobutyl ether		Exposure time: 96 h Species: Desmodesmus subspicatus (green algae) Method: OECD Test Guideline 201
1-Propoxypropan-2-ol	:	EC50: 1,466 mg/l Species: Scenedesmus capricornutum (fresh water algae)
Orange, sweet, ext.	:	ErC50: 150 mg/l Exposure time: 72 h Species: Desmodesmus subspicatus Method: OECD Test Guideline 201
Butyl glycollate	:	Growth inhibition NOEC: > 87.44 mg/l Species: Lemna minor (duckweed) Method: OECD Test Guideline 221 GLP: yes
2-(3-Methoxypropoxy)propan-1-ol	:	EC50: 1,000 mg/l Exposure time: 72 h Species: Selenastrum capricornutum (green algae)
Toxicity to bacteria		
Propan-2-ol	:	IC50: > 100 mg/l Species: Bacteria
1-Propoxypropan-2-ol	:	EC50: 3,800 mg/l Exposure time: 16 h Species: Bacteria
2-(3-Methoxypropoxy)propan-1-ol	:	Growth inhibition EC10: 4,168 mg/l Species: Pseudomonas putida

12.2 Persistence and degradability

Biodegradability	:	No data available

12.3 Bioaccumulative potential

Bioaccumulation	:	No data available

12.4 Mobility in soil

Mobility	:	No data available

12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects

Additional ecological information	:	Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product	:	Dispose of in accordance with local regulations. Do not let product enter drains. Do not dispose of with domestic refuse.
Packaging	:	Do not dispose of with domestic refuse.
Contaminated packaging	:	Dispose of in accordance with local regulations.
Waste Code	:	140603 other solvents and solvent mixtures

SECTION 14: Transport information

ADR
Not dangerous goods

IATA
Not dangerous goods

IMDG
Not dangerous goods

RID
Not dangerous goods

SECTION 15: Regulatory information

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

Other regulations	:	The product is classified and labelled in accordance with EC directives or respective national laws. Regional or national implementations of GHS may not implement all hazard classes and categories.

15.2 Chemical Safety Assessment

A Chemical Safety Assessment is not required for this substance.

SECTION 16: Other information

Full text of R-phrases referred to under sections 2 and 3

R10	Flammable.
R11	Highly flammable.
R36	Irritating to eyes.
R36/38	Irritating to eyes and skin.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.
R43	May cause sensitisation by skin contact.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R63	Possible risk of harm to the unborn child.
R65	Harmful: may cause lung damage if swallowed.
R67	Vapours may cause drowsiness and dizziness.

Full text of H-Statements referred to under sections 2 and 3.

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H361d	Suspected of damaging the unborn child.
H411	Toxic to aquatic life with long lasting effects.

Full text of Notas referred to under section 3

Further information

The information provided is based on our current knowledge and experience and apply to the product as delivered. Regarding the product properties, these are not guaranteed. The delivery of this safety datasheet does not free the recipient of the product from his own responsibility to follow the relevant rules and regulations concerning this product.
This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.