



## TANET KARACHO 2x5 I

WM 0712476

Order number: 0712476

Version 6.3

Revision Date 12.05.2021

Print Date 13.08.2022

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

#### 1.1 Product identifier

Trade name : TANET KARACHO 2x5 I  
Identification number : 61305

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

Use of the Substance/Mixture : Cleaning agent  
Restricted to professional users.

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

Company : Tana Chemie GmbH  
Rheinallee 96  
55120 Mainz  
Telephone : +49613196403  
Telefax : +4961319642414  
E-mail address : Produktsicherheit@werner-mertz.com  
Responsible/issuing person  
Contact person : Product development / product safety

#### 1.4 Emergency telephone number

112  
Centru za kontrolu otrovanja u Zagrebu na tel. (01) 2348 342  
+49(0)6131-19240

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

#### 2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)  
Not a hazardous substance or mixture.

Safety data sheet available on request.

#### 2.3 Other hazards

No information available.

### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

Chemical nature : Aqueous solution

#### Hazardous components

Chemical name	CAS-No. EC-No. Registration number	Classification	Concentration (% w/w)



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ethanol	64-17-5 200-578-6 01-2119457610-43	Flam. Liq. 2; H225 Eye Irrit. 2; H319  SCL >= 50 % 2; H319	>= 2 - < 5
2-phenoxyethanol	122-99-6 204-589-7 01-2119488943-21	Acute Tox. 4; H302 Eye Irrit. 2; H319	>= 1 - < 2
sodium hydrogencarbonate	144-55-8 205-633-8	Eye Irrit. 2; H319	>= 1 - < 2
Substances with a workplace exposure limit :			
1-methoxypropan-2-ol	107-98-2 203-539-1 01-2119457435-35	Flam. Liq. 3; H226 STOT SE 3; H336	>= 2 - < 5

For explanation of abbreviations see section 16.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

- General advice : No hazards which require special first aid measures.
- If inhaled : Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion.  
If symptoms persist, call a physician.
- In case of skin contact : Take off contaminated clothing and shoes immediately.  
Wash off with soap and plenty of water.
- In case of eye contact : Protect unharmed eye.  
If easy to do, remove contact lens, if worn.  
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
- If swallowed : Clean mouth with water and drink afterwards plenty of water.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.

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

- Symptoms : No information available.
- Risks : No information available.

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

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



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### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### 5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous combustion products : No hazardous combustion products are known

#### 5.3 Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains. 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 : Use personal protective equipment.

#### 6.2 Environmental precautions

Environmental precautions : Try to prevent the material from entering drains or water courses.

#### 6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : Sweep up and shovel.  
Wipe up with absorbent material (e.g. cloth, fleece).  
Keep in suitable, closed containers for disposal.

#### 6.4 Reference to other sections

For personal protection see section 8., Treat recovered material as described in the section "Disposal considerations"., Refer to section 15 for specific national regulation.

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Advice on safe handling : For personal protection see section 8. No special handling advice required.

Advice on protection against fire and explosion : Vapours may form explosive mixtures with air.

Hygiene measures : Wash hands before breaks and at the end of workday.



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### 7.2 Conditions for safe storage, including any incompatibilities

- Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place. Store at room temperature in the original container.
- Advice on common storage : No special restrictions on storage with other products.
- Other data : No decomposition if stored and applied as directed.

### 7.3 Specific end use(s)

- Specific use(s) : Cleaning agent

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Update	Basis
1-methoxypropa n-2-ol	107-98-2	TWA	100 ppm 375 mg/m <sup>3</sup>	2000-06-16	2000/39/EC
Further information	:	skin: Identifies the possibility of significant uptake through the skinIndicative			
1-methoxypropa n-2-ol	107-98-2	STEL	150 ppm 568 mg/m <sup>3</sup>	2000-06-16	2000/39/EC
Further information	:	skin: Identifies the possibility of significant uptake through the skinIndicative			

### DNEL

- ethanol**  
**64-17-5:** : End Use: Workers  
Exposure routes: Inhalation  
Potential health effects: Acute local effects  
Value: 1900 mg/m<sup>3</sup>
- End Use: Workers  
Exposure routes: Inhalation  
Potential health effects: Long-term systemic effects  
Value: 950 mg/m<sup>3</sup>
- End Use: Workers  
Exposure routes: Skin contact  
Potential health effects: Long-term systemic effects  
Value: 343 mg/kg
- End Use: Consumers  
Exposure routes: Inhalation  
Potential health effects: Acute local effects  
Value: 950 mg/m<sup>3</sup>
- End Use: Consumers  
Exposure routes: Skin contact  
Potential health effects: Long-term systemic effects



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Value: 206 mg/kg

End Use: Consumers  
Exposure routes: Inhalation  
Potential health effects: Long-term systemic effects  
Value: 114 mg/m<sup>3</sup>

End Use: Consumers  
Exposure routes: Ingestion  
Potential health effects: Long-term systemic effects  
Value: 87 mg/kg

End Use: Consumers  
Exposure routes: Skin contact  
Potential health effects: Acute local effects  
Value: 950 mg/m<sup>3</sup>

**2-phenoxyethanol**  
**122-99-6:**

: End Use: Workers  
Exposure routes: Inhalation  
Potential health effects: Long-term systemic effects  
Value: 8,07 mg/m<sup>3</sup>

End Use: Workers  
Exposure routes: Inhalation  
Potential health effects: Long-term local effects  
Value: 8,07 mg/m<sup>3</sup>

End Use: Workers  
Exposure routes: Skin contact  
Potential health effects: Long-term systemic effects  
Value: 34,72 mg/kg

End Use: Consumers  
Exposure routes: Inhalation  
Potential health effects: Long-term systemic effects  
Value: 2,41 mg/m<sup>3</sup>

End Use: Consumers  
Exposure routes: Inhalation  
Potential health effects: Long-term local effects  
Value: 2,41 mg/m<sup>3</sup>

End Use: Workers  
Exposure routes: Skin contact  
Potential health effects: Long-term systemic effects  
Value: 20,83 mg/kg

End Use: Consumers  
Exposure routes: Ingestion  
Potential health effects: Long-term systemic effects  
Value: 17,43 mg/kg

End Use: Consumers  
Exposure routes: Ingestion  
Potential health effects: Acute systemic effects, Short-term exposure  
Value: 17,43 mg/kg

End Use: Consumers  
Exposure routes: Ingestion  
Potential health effects: Acute systemic effects



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Value: 9,23 mg/kg

End Use: Consumers  
Exposure routes: Ingestion  
Potential health effects: Long-term systemic effects  
Value: 9,23 mg/kg

End Use: Consumers  
Exposure routes: Dermal  
Potential health effects: Long-term systemic effects  
Value: 10,42 mg/kg

**1-methoxypropan-2-ol  
107-98-2:**

: End Use: Workers  
Exposure routes: Inhalation  
Potential health effects: Acute local effects  
Value: 553,5 mg/m<sup>3</sup>

End Use: Workers  
Exposure routes: Inhalation  
Potential health effects: Long-term systemic effects  
Value: 369 mg/m<sup>3</sup>

End Use: Workers  
Exposure routes: Skin contact  
Potential health effects: Long-term systemic effects  
Value: 50,6 mg/kg bw/day

End Use: Consumers  
Exposure routes: Ingestion  
Potential health effects: Long-term systemic effects  
Value: 3,3 mg/kg bw/day

End Use: Consumers  
Exposure routes: Inhalation  
Potential health effects: Long-term systemic effects  
Value: 43,9 mg/m<sup>3</sup>

End Use: Consumers  
Exposure routes: Skin contact  
Potential health effects: Long-term systemic effects  
Value: 18,1 mg/kg

**PNEC**

**ethanol  
64-17-5:**

: Fresh water  
Value: 0,96 mg/l

Marine water  
Value: 0,79 mg/l

Fresh water sediment  
Value: 3,6 mg/kg

Soil  
Value: 0,63 mg/kg

STP  
Value: 580 mg/l

intermittent release



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	Value: 2,75 mg/l
<b>2-phenoxyethanol</b> <b>122-99-6:</b>	: Fresh water Value: 0,943 mg/l
	Marine water Value: 0,0943 mg/l
	intermittent release Value: 3,44 mg/l
	STP Value: 24,8 mg/l
	Fresh water sediment Value: 7,2366 mg/kg
	Marine sediment Value: 0,7237 mg/kg
	Soil Value: 1,26 mg/kg
<b>1-methoxypropan-2-ol</b> <b>107-98-2:</b>	: Fresh water Value: 10 mg/l
	Marine water Value: 1 mg/l
	Fresh water sediment Value: 41,6 mg/kg
	Marine sediment Value: 4,17 mg/kg
	Soil Value: 2,47 mg/kg
	STP Value: 100 mg/l
	intermittent release Value: 100 mg/l
	Fresh water sediment Value: 52,3 mg/kg dry weight (d.w.)
	Marine sediment Value: 5,2 mg/kg dry weight (d.w.)

### 8.2 Exposure controls

#### Personal protective equipment

Eye protection : not required under normal use

Hand protection



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- Material** : not required under normal use
- For prolonged or repeated contact use protective gloves.  
It is suggested the usage of chemical resistant gloves made of butyl rubber or nitrile rubber category III according to EN 374-1: 2003 (0,4 mm).  
As alternative, a different type of gloves might be used if, accordingly to the recommendations of the producer, guarantee the same level of protection.
- Remarks** : Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).
- Skin and body protection : not required under normal use
- Respiratory protection : not required under normal use
- Environmental exposure controls**
- General advice** : Try to prevent the material from entering drains or water courses.

### SECTION 9: Physical and chemical properties

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

- Appearance : liquid
- Colour : colourless
- Odour : characteristic
- Odour Threshold : No data available
- pH : ca. 8,5, at20 °C
- Melting point/range : No data available
- Boiling point/boiling range : No information available.
- Flash point : 54 °C
- Evaporation rate : No data available
- Flammability (solid, gas) : No data available
- Flammability (liquids) : Not classified as supporting combustion according to the transport regulations.
- Burning rate : No data available
- Lower explosion limit : No data available
- Upper explosion limit : No data available
- Vapour pressure : No data available
- Relative vapour density : No data available
- Relative density : No data available





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Density	: ca. 1,024 g/cm <sup>3</sup> at 20 °C
Water solubility	: soluble
Solubility in other solvents	: No data available
Partition coefficient: n-octanol/water	: No data available
Ignition temperature	: No data available
Thermal decomposition	: No data available
Viscosity, dynamic	: No data available
Viscosity, kinematic	: ca. 9,9 mm <sup>2</sup> /s at 20 °C
Explosive properties	: No data available
Oxidizing properties	: No data available

### 9.2 Other information

none

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Stable under recommended storage conditions., No dangerous reaction known under conditions of normal use.

### 10.2 Chemical stability

No decomposition if stored and applied as directed.

### 10.3 Possibility of hazardous reactions

Hazardous reactions : No hazards to be specially mentioned.

### 10.4 Conditions to avoid

Conditions to avoid : No data available

### 10.5 Incompatible materials

Materials to avoid : No data available

### 10.6 Hazardous decomposition products

Hazardous decomposition products : No hazardous decomposition products are known.  
Other information : No hazardous decomposition products are known.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Our company is strongly against animal testing.  
Our company does not place any orders for animal testing for the finished product or the ingredients.  
However, as a result of EU legislation (REACH Regulation), the manufacturers of ingredients or EU importers are obliged to test ingredients with regard to their effects on human health and the environment before they are brought onto the market. Some of the tests made necessary by this took place decades ago.



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### Product

- Acute oral toxicity : Acute toxicity estimate : > 2.000 mg/kg  
Method: Calculation method
- Skin corrosion/irritation : According to the classification criteria of the European Union, the product is not considered as being a skin irritant.
- Serious eye damage/eye irritation : According to the classification criteria of the European Union, the product is not considered as being an eye irritant.
- Respiratory or skin sensitisation : No data available
- Germ cell mutagenicity : Not Rated
- Carcinogenicity : Not Rated
- Reproductive toxicity : Not Rated
- STOT - single exposure : The substance or mixture is not classified as specific target organ toxicant, single exposure.
- STOT - repeated exposure : The substance or mixture is not classified as specific target organ toxicant, repeated exposure.
- Aspiration toxicity : Not Rated
- Further information : No data available

### Components:

#### **ethanol**

#### **64-17-5:**

- Acute oral toxicity : LD50 Oral Rat: 10.470 mg/kg  
Method: OECD Test Guideline 401
- LD50 Rat: 5.000 mg/kg  
Method: OECD Test Guideline 401
- Acute inhalation toxicity : LC50 Rat: 51 mg/l  
Exposure time: 4 h
- Acute dermal toxicity : LD50 Dermal Rabbit: > 2.000 mg/kg  
Method: OECD Test Guideline 402
- LD50 Dermal Rabbit: > 10.000 mg/kg  
Method: OECD Test Guideline 402
- Skin corrosion/irritation : Species: Rabbit  
Result: No skin irritation



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Method: OECD Test Guideline 404

Serious eye damage/eye irritation

: Species: Rabbit  
Result: Mild eye irritation  
Method: OECD Test Guideline 405

Respiratory or skin sensitisation

: Species: Mouse  
Result: Does not cause skin sensitisation.  
Method: see user defined free text

Reproductive toxicity

: Species: Rat  
Application Route: Oral  
NOAEL: 5.200 mg/kg

Species: Rat  
Application Route: Oral  
NOAEL: 13.800 mg/kg

Species: Rat  
Application Route: Inhalation  
NOAEL: 30400 mg/m<sup>3</sup>

Repeated dose toxicity

: Rat, male: NOAEL: > 20 mg/kg

Method: OECD Test Guideline 403

Rat, female: NOAEL: 1.730 mg/kg

Method: OECD Test Guideline 408

### 2-phenoxyethanol

122-99-6:

Acute oral toxicity

: LD50 Oral Rat: 1.260 mg/kg

LD50 Oral Mouse: 933 mg/kg

LD50 Oral Rat: 1.850 mg/kg

Acute toxicity estimate : 500,0 mg/kg  
Method: Converted acute toxicity point estimate

LD50 Rat: 2.740 mg/kg  
Method: Calculation method

Acute dermal toxicity

: LD50 Dermal Rabbit: > 5.000 mg/kg

LD50 Rat: 14.422 mg/kg

Reproductive toxicity

: Fertility and developmental toxicity tests did not reveal any effect on reproduction.

**sodium hydrogencarbonate**



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**144-55-8:**

Acute oral toxicity : LD50 Rat: 4.220 mg/kg

Acute inhalation toxicity : LC50 Rat: 4,74 mg/l

**1-methoxypropan-2-ol**

**107-98-2:**

Acute oral toxicity : LD50 Rat: 5.660 mg/kg

LD50 Oral Rat: 4.016 mg/kg

Acute inhalation toxicity : LC0 Rat: 7.000 µg/l  
Exposure time: 6 h

LC50 Rat: 6 mg/l  
Exposure time: 4 h

LC50 Rat: 25,8 mg/l  
Exposure time: 6 h

Acute dermal toxicity : LD50 Rabbit: > 2.000 mg/kg

LD50 Dermal Rat: > 2.000 mg/kg

Skin corrosion/irritation : Result: Mild skin irritation

Respiratory or skin sensitisation : Species: Guinea pig  
Result: Did not cause sensitisation on laboratory animals.

Germ cell mutagenicity

Genotoxicity in vitro : Result: negative

Genotoxicity in vivo : Result: negative

### SECTION 12: Ecological information

#### 12.1 Toxicity

**Components:**

**ethanol**

**64-17-5:**

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 13 g/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203

LC50 (Leuciscus idus (Golden orfe)): 8.150 mg/l  
Exposure time: 48 h

LC50 (Pimephales promelas (fathead minnow)): > 0,1 g/l  
Exposure time: 96 h



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- LC50 (Fish): 11.200 mg/l
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 12.340 mg/l  
Exposure time: 48 h
- EC50 : 5.012 mg/l
- Toxicity to algae : EC50 (Chlorella vulgaris (Fresh water algae)): 275 mg/l  
Exposure time: 72 h  
Test Type: Growth inhibition  
Method: OECD Test Guideline 201
- EC50 (Scenedesmus capricornutum (fresh water algae)): 12.900 mg/l  
Exposure time: 48 h  
Test Type: Growth inhibition  
Method: No information available.
- EC0 (Scenedesmus quadricauda (Green algae)): 5.000 mg/l  
Exposure time: 168 h
- EC50 : 4.432 mg/l
- EC10 : 11,5 mg/l
- EC10 : 280 mg/l
- Toxicity to bacteria : EC50 (Pseudomonas putida): 11.800 mg/l  
Exposure time: 16 h  
Test Type: Cell multiplication inhibition test
- 2-phenoxyethanol**  
**122-99-6:**
- Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 344 mg/l  
Exposure time: 96 h  
Test Type: flow-through test
- LC50 (Leuciscus idus (Golden orfe)): 220 - 460 mg/l  
Exposure time: 96 h
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 500 mg/l  
Exposure time: 48 h
- EC50 (Daphnia magna (Water flea)): > 100 mg/l  
Exposure time: 48 h  
Test Type: static test
- Toxicity to algae : EC50 : > 500 mg/l  
Exposure time: 72 h
- EC50 (Desmodesmus subspicatus (green algae)): > 100 mg/l  
Exposure time: 72 h  
Test Type: static test
- Toxicity to bacteria : EC50 (Pseudomonas putida): 880 mg/l  
Exposure time: 17 h
- EC20 (activated sludge): 620 mg/l  
Exposure time: 30 min



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EC10 (*Pseudomonas putida*): 320 mg/l  
Exposure time: 17 h  
Method: DIN 38 412 Part 8

Toxicity to fish (Chronic toxicity) : NOEC: 23 mg/l  
Exposure time: 34 d  
Species: *Pimephales promelas* (fathead minnow)

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 9,43 mg/l  
Exposure time: 21 d  
Species: *Daphnia magna* (Water flea)  
Method: OECD Test Guideline 211

Toxicity to soil dwelling organisms : LC50: 1.000 mg/kg  
Exposure time: 14 d  
Species: *Eisenia fetida* (earthworms)

### sodium hydrogencarbonate 144-55-8:

Toxicity to fish : LC50 (*Lepomis macrochirus* (Bluegill sunfish)): 8.250 mg/l  
Exposure time: 96 h

LC50 (*Lepomis macrochirus* (Bluegill sunfish)): 7.100 mg/l  
Exposure time: 96 h

NOEC (*Oncorhynchus mykiss* (rainbow trout)): 2.300 mg/l  
Exposure time: 96 h

NOEC (*Lepomis macrochirus* (Bluegill sunfish)): 5.200 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (*Daphnia magna* (Water flea)): 2.350 mg/l  
Exposure time: 48 h

EC50 (*Daphnia magna* (Water flea)): 4.100 mg/l  
Exposure time: 48 h

NOEC (*Daphnia magna* (Water flea)): > 576 mg/l  
Exposure time: 21 d

### 1-methoxypropan-2-ol 107-98-2:

Toxicity to fish : LC50 (*Leuciscus idus* (Golden orfe)): 6.812 mg/l  
Exposure time: 96 h  
Test Type: static test

LC50 (*Leuciscus idus* (Golden orfe)): > 6.800 mg/l  
Exposure time: 96 h  
Method: DIN 38412

LC50 (*Oncorhynchus mykiss* (rainbow trout)): > 1.000 mg/l  
Exposure time: 96 h  
Test Type: semi-static test

LC50 (*Pimephales promelas* (fathead minnow)): 20.800 mg/l  
Exposure time: 96 h  
Test Type: static test

Toxicity to daphnia and other : EC50 (*Daphnia magna* (Water flea)): 23.300 mg/l



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aquatic invertebrates	Exposure time: 48 h EC50 (Daphnia magna (Water flea)): 21.100 - 25.900 mg/l Exposure time: 48 h Test Type: static test
Toxicity to algae	: EC50 (Selenastrum capricornutum): > 1.000 mg/l Exposure time: 7 d ErC50 (Pseudokirchneriella subcapitata (green algae)): > 1.000 mg/l Exposure time: 7 h Test Type: static test
Toxicity to bacteria	: EC50 (activated sludge): > 1.000 mg/l Exposure time: 3 h Method: OECD Test Guideline 209

### 12.2 Persistence and degradability

#### Product:

Biodegradability : Remarks: The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

#### Components:

##### ethanol

##### 64-17-5:

Biodegradability : Result: Readily biodegradable.  
Biodegradation: 97 %  
Method: OECD Test Guideline 301

##### 2-phenoxyethanol

##### 122-99-6:

Biodegradability : Result: Readily biodegradable.  
Biodegradation: > 70 %  
Exposure time: 15 d  
Method: OECD 301 A

##### 1-methoxypropan-2-ol

##### 107-98-2:

Biodegradability : Result: rapidly biodegradable  
Biodegradation: 96 %  
Exposure time: 28 d  
Method: OECD 301 E

Result: rapidly biodegradable  
Biodegradation: 90 - 100 %  
Exposure time: 28 d  
Method: OECD 301 E

### 12.3 Bioaccumulative potential

#### Components:

##### ethanol

##### 64-17-5:

Bioaccumulation : Concentration: 3,2 mg/l



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Partition coefficient: n-octanol/water : log Pow: -0,32

### 2-phenoxyethanol

122-99-6:

Bioaccumulation : Bioconcentration factor (BCF): 2

Partition coefficient: n-octanol/water : log Pow: 1,2 (23 °C)  
pH: 5 - 9  
GLP: yes

### 1-methoxypropan-2-ol

107-98-2:

Bioaccumulation : Bioconcentration factor (BCF): 100  
Remarks: Does not bioaccumulate.

Partition coefficient: n-octanol/water : log Pow: -0,44

log Pow: 0,37

## 12.4 Mobility in soil

### Components:

#### ethanol

64-17-5:

Distribution among environmental compartments : Koc: 1Remarks: Highly mobile in soils

#### 2-phenoxyethanol

122-99-6:

Distribution among environmental compartments : Koc: 16 - 102Remarks: Highly mobile in soils

#### 1-methoxypropan-2-ol

107-98-2:

Mobility : Remarks: After release, adsorbs onto soil.

Distribution among environmental compartments : Koc: 2,2Remarks: Highly mobile in soils

## 12.5 Results of PBT and vPvB assessment

### Components:

#### 1-methoxypropan-2-ol

107-98-2:

Assessment : This substance is not considered to be persistent, bioaccumulating and toxic (PBT).. This substance is not considered to be very persistent and very bioaccumulating (vPvB)..

## 12.6 Other adverse effects

### Product:

Additional ecological information : There is no data available for this product.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods





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Product : In accordance with local and national regulations.

Contaminated packaging : Empty remaining contents.  
Empty containers should be taken to an approved waste handling site for recycling or disposal.

### SECTION 14: Transport information

#### 14.1 UN number

**ADR**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

Not dangerous goods

#### 14.2 Proper shipping name

Not regulated as a dangerous good

#### 14.3 Transport hazard class

**ADR**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

Not dangerous goods

#### 14.4 Packing group

**ADR**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

Not dangerous goods

#### 14.5 Environmental hazards

**ADR**

Not dangerous goods

**IMDG**

Not regulated as a dangerous good

**IATA**

Not dangerous goods

#### 14.6 Special precautions for user

Remarks : Not classified as dangerous in the meaning of transport regulations.

For personal protection see section 8.

#### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

### SECTION 15: Regulatory information

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

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals : Not applicable



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REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) : Not applicable

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.  
TA Luft List (Germany) : Not applicable

: Total dust: Not applicable  
: Inorganic substances in powdered form: Not applicable  
: Inorganic substances in vapour or gaseous form: Not applicable  
: Organic Substances: : portionClass 1: 1,51 %  
: Carcinogenic substances: Not applicable  
: Mutagenic: Not applicable  
: Toxic to reproduction: : < 0,01 %

Volatile organic compounds (VOC) content : Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)  
Update: Percent volatile: 7,9 %  
666,48 g/l  
VOC content excluding water

Volatile organic compounds (VOC) content : Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)  
Update: Percent volatile: 7,9 %  
80,87 g/l  
VOC content valid only for coating materials used on wood surfaces

GISBAU (D) : GU 50

### 15.2 Chemical safety assessment

There is no data available for this product.

## SECTION 16: Other information

### Full text of H-Statements

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

### Further information

Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.

Classification procedure:

Calculation method

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways;  
ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body



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weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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