

# Material Safety Data Sheet



Completed 07-05-2024  
Revision: (date) -  
SDS version 1.0

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

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### 1.1. Product Identifier

Trade Name: Glas- og porcelænstusch  
Product- no.: -

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

**Recommended uses:**

Visual arts and hobby.

**Uses advised against:**

This product must not be used for purposes other than those recommended without first seeking the advice of the supplier.

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

**Company and address:**

Creotime.com	Creotime.com
Rasmus Færchs Vej 23	2 Pine Court, Kembrey Park Swindon
7500 Holstebro	Wiltshire, SN2 8AD
Denmark	UK
Tlf.: +45 96 13 30 10	+44 (0)793 616 068

**Contact person and E-mail:**

info@creotime.com

**The Safety data sheet is completed and validated by:**

Mediator A/S, Centervej 2, DK-6000 Kolding. Consultant: RC

### 1.4. Emergency telephone number

NHS (National Health Service): 111

Use your national or local emergency number - See section 4 "First aid measures".

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## SECTION 2: Hazards identification

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### 2.1. Classification of the substance or mixture

The product is not subject to labelling under The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019.

### 2.2. Label elements

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**Signal word:**

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Contains 2-methylisothiazol-3(2H)-one and reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction. (EUH 208)  
Safety data sheet available on request. (EUH 210)

### 2.3. Other hazards

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**Additional labelling:**

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**Additional warnings**

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## SECTION 3: Composition/information on ingredients

## 3.1./3.2. Substances/Mixtures

Substance	EU-Index no. / REACH-Reg. no.	CAS-no.	EINECS-no.	CLP-classification	Wt/Wt %	Note
Propane-1,2-diol, propoxylated	- / -	25322-69-4	500-039-8	Acute Tox. 4;H302, H332	≥ 1 - <3	-
2-Methylisothiazol-3(2H)-one	613-326-00-9 / 01-2120764690-50-xxxx	2682-20-4	220-239-6	Acute Tox. 3;H301, Acute Tox. 3;H311, Skin Corr. 1B;H314, Skin Sens. 1A;H317, Eye Dam. 1;H318, Acute Tox. 2;H330, Aquatic Acute 1;H400 - M=10, Aquatic Chronic 1;H410 - M=1, EUH 071  SCL: Skin Sens. 1A; H317: C ≥ 0.0015 %	≥0 - <0.0015	-
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	613-167-00-5 / 01-2120764691-48-xxxx	55965-84-9	611-341-5	Acute Tox. 3;H301, Acute Tox. 2;H310, Skin Corr. 1B;H314, Skin Sens. 1A;H317, Eye Dam. 1;H318, Acute Tox. 2;H330, Aquatic Acute 1;H400 - M=100, Aquatic Chronic 1;H410 - M=100, EUH 071  SCL: Eye Dam. 1; H318: C ≥ 0.6 % Eye Irrit. 2; H319: 0.06 % ≤ C < 0.6 % Skin Corr. 1C; H314: C ≥ 0.6 % Skin Irrit. 2; H315: 0.06 % ≤ C < 0.6 % Skin Sens. 1A; H317: C ≥ 0.0015 %	≥0 - <0.0015	-

See full text of H-phrases in section 16.

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

**Inhalation:**

In case of discomfort: Seek fresh air.  
Seek medical advice in case of persistent discomfort.

**Ingestion:**

Wash out mouth thoroughly and drink 1-2 glasses of water in small sips.  
Seek medical advice in case of persistent discomfort.

**Skin contact:**

Wash the skin thoroughly with water and continue washing for a long time.  
Seek medical advice in case of persistent discomfort.

**Eye contact:**

Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.

**Additional information:**

When obtaining medical advice, show the safety data sheet or label.

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

May cause slight irritation to the skin and eyes.

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

Show this safety data sheet to the doctor in attendance.

## SECTION 5: Firefighting measures

## 5.1. Extinguishing media

Extinguish with powder, foam, carbon dioxide or water mist.  
Do not use water stream, as it may spread the fire.

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

Avoid inhalation of vapour and fumes – seek fresh air.  
Can generate harmful flue gases containing carbon monoxide in the event of fire.  
Exposure to decomposition products may cause a health hazard.

## 5.3. Advice for firefighters

If there is a risk of exposure to vapour and flue gases, a self-contained breathing apparatus must be worn.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes.

### 6.2. Environmental precautions

Avoid unnecessary release to the environment.

### 6.3. Methods and material for containment and cleaning up

Wipe up spills with a cloth.

### 6.4. Reference to other sections

See section 13 for instructions on disposal.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

No special requirements.

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

The product should be stored safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc. Keep in tightly closed original packaging.

### 7.3. Specific end use(s)

See application section 1.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Occupational exposure limits according to EH40/2005 Workplace exposure limits (Fourth Edition 2020):

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#### DNEL/PNEC-values:

##### DNEL Propane-1,2-diol, propoxylated

	Workers	Consumers
Inhalation - Chronic Systemic	98 mg/m <sup>3</sup>	29 mg/m <sup>3</sup>
Dermal - Chronic Systemic	13.9 mg/kg bw/day	8.9 mg/kg bw/day
Oral - Chronic Systemic	-	8.3 mg/kg bw/day

##### DNEL 2-Methylisothiazol-3(2H)-one

	Workers	Consumers
Inhalation - Chronic Local	0.021 mg/m <sup>3</sup>	0.021 mg/m <sup>3</sup>
Inhalation - Acute Local	0.043 mg/m <sup>3</sup>	0.043 mg/m <sup>3</sup>
Oral - Chronic Systemic	-	0,027 mg/kg bw/day
Oral - Acute Systemic	-	0,053 mg/kg bw/day

##### PNEC Propane-1,2-diol, propoxylated

Fresh water	0.2 mg/L
Intermittent releases (Fresh water)	1.06 mg/L
Marine water	0.02 mg/L
Soil	0.031 mg/kg soil dw

##### PNEC 2-Methylisothiazol-3(2H)-one

Fresh water	3.39 µg/L
Intermittent releases (Fresh water)	3.39 µg/L
Marine water	3.39 µg/L
Intermittent releases (Marine water)	3.39 µg/L
Soil	0.047 mg/kg soil dw

## 8.2. Exposure controls

There are no exposure scenarios for this product.

### **Appropriate engineering controls:**

Do not eat, drink or smoke when using this product.  
Wash hands after use.

### **Personal protective equipment:**

#### **Respiratory protection:**

Not required.

#### **Hand protection:**

Not required.

#### **Eye/face protection:**

Not required.

#### **Skin protection:**

Not required.

### **Environmental exposure controls:**

Ensure compliance with local regulations for emissions.

## SECTION 9: Physical and chemical properties

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

Physical state:	Marker
Colour:	Different
Odour:	Weak ammonia-like.
Melting point/ Freezing Point (°C):	-
Boiling point or initial boiling point and boiling range (°C):	> 90
Flammability:	-
Lower and upper explosion limit (vol-%):	-
Flash point (°C):	> 100
Auto-ignition temperature (°C):	-
Decomposition temperature (°C):	-
pH:	7.5 - 9.5
Kinematic viscosity (mm <sup>2</sup> /s):	-
Solubility:	Soluble in water
Partition coefficient n-octanol/water (log value)	-
Vapour pressure:	-
Density and/or relative density:	1
Relative vapour density:	-
Particle characteristics:	-

### 9.2. Other information

VOC (Volatile organic compounds):	1.97 %
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No data.

### 10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

### 10.3. Possibility of hazardous reactions

None known.

### 10.4. Conditions to avoid

None known.

### 10.5. Incompatible materials

None known.

### 10.6. Hazardous decomposition products

No special precautions regarding contact with other materials at the recommended storage conditions.

**SECTION 11: Toxicological information**

**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

**Acute toxicity:**

Based on the existing data, the classification is not met.

Substance	exposure	Species	Test	Result
Propane-1,2-diol, propoxylated	Oral	Rat	LD50	> 5000 mg/kg bw
Propane-1,2-diol, propoxylated	Inhalation	Rat	LC50/ 1 Hours	> 0.17 mg/L air
Propane-1,2-diol, propoxylated	Dermal	Rabbit	LD50	> 3000 mg/kg bw
2-Methylisothiazol-3(2H)-one	Oral	Rat	LD50	120 mg/kg bw
2-Methylisothiazol-3(2H)-one	Inhalation	Rat	LC50/ 4 Hours	0.11 mg/L air
2-Methylisothiazol-3(2H)-one	Dermal	Rat	LD50	242 mg/kg bw

**Skin corrosion/irritation:**

May cause slight irritation.

**Serious eye damage/irritation:**

May cause eye irritation.

**Respiratory or skin sensitisation:**

Contains 2-methylisothiazol-3(2H)-one and reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.

**Germ cell mutagenicity:**

Based on the existing data, the classification is not met.

**Carcinogenicity:**

Based on the existing data, the classification is not met.

**Reproductive toxicity:**

Based on the existing data, the classification is not met.

**STOT-single exposure:**

Based on the existing data, the classification is not met.

**STOT-repeated exposure:**

Based on the existing data, the classification is not met.

**Aspiration hazard:**

Based on the existing data, the classification is not met.

**11.2. Information on other hazards**

Test data are not available.

**SECTION 12: Ecological information**

**12.1. Toxicity**

Substance	Test duration	Species	Test	Result
Propane-1,2-diol, propoxylated	96 Hours	Fish	LC50	> 100 mg/L
Propane-1,2-diol, propoxylated	48 Hours	Daphnia	EC50	105.8 mg/L
Propane-1,2-diol, propoxylated	72 Hours	Algae	EC50	> 100 mg/L
2-Methylisothiazol-3(2H)-one	96 Hours	Fish	LC50	4.77 mg/L
2-Methylisothiazol-3(2H)-one	96 Hours	Daphnia	LC50	1.81 mg/L
2-Methylisothiazol-3(2H)-one	96 Hours	Algae	EC50	0.069 mg/L

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## 12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
Propane-1,2-diol,	Yes	OECD Guideline 301 F	28 Days 86.6%
2-Methylisothiazol-3(2H)-one	No	OECD Guideline 301 D	28 Days 0%

## 12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow
Propane-1,2-diol,	No	-0.68 - <= 0.01
2-Methylisothiazol-3(2H)-one	No	-0.32

## 12.4. Mobility in soil

Test data are not available.

## 12.5. Results of PBT and vPvB assessment

The product does not meet the criteria for PBT or vPvB.

## 12.6. Endocrine disrupting properties

Test data are not available.

## 12.7. Other adverse effects

None.

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## SECTION 13: Disposal considerations

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### 13.1. Waste treatment methods

The product is not classified as hazardous waste according to Waste Management. Disposal of spillage and waste via the municipal waste collection service with the specifications below is recommended.

EWC-Code	Description
20 01 99	Other fractions not otherwise specified

### Specific labelling:

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### Contaminated packaging:

Uncleansed packaging is to be disposed of via the local waste-removal scheme.

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## SECTION 14: Transport information

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The product is not covered by the rules for transport of dangerous goods by road and sea according to ADR, IMDG and IATA.

### 14.1 -14.4.

ADR

-

IMDG/IATA

-

### 14.5. Environmental hazards

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### 14.6. Special precautions for user

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### 14.7. Maritime transport in bulk according to IMO instruments

Not relevant.

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## SECTION 15: Regulatory information

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

#### Sources:

EH40/2005 Workplace exposure limits (Fourth Edition 2020).

#### Additional labelling:

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**Restrictions for application:**

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**Demands for specific education:**

-

**15.2. Chemical safety assessment**

None.

**SECTION 16: Other information**

The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019

**Other information:**

**Sources:**

The REACH Enforcement Regulations 2008, and The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019  
 The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019.  
 The Waste (Miscellaneous Amendments) (EU Exit) (No. 2) Regulations 2019  
 The Detergents (Safeguarding) (Amendment) (EU Exit) Regulations 2019.

**Full text of H-phrases as mentioned in section 2+3:**

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H310	Fatal in contact with skin.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H332	Harmful if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
EUH 071	Corrosive to the respiratory tract.
EUH 208	Contains <name of sensitising substance>. May produce an allergic reaction.

**Classification according to The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019 and GB mandatory classification and labelling list:**

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**Abbreviations and acronyms used in the safety data sheet:**

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals.  
 CLP: Classification Labelling Packaging Regulation.  
 CAS-Number.: Chemical Abstracts Service number.  
 EC-Number.: EINECS and ELINCS Number (see also EINECS and ELINCS).  
 DNEL: Derived No Effect Level.  
 PNEC(s): Predicted No Effect Concentration(s).  
 STOT: Specific Target Organ Toxicity.  
 LD50: Lethal Dose to 50% of a test population (Median Lethal Dose).  
 LC50: Lethal Concentration to 50 % of a test population.  
 EC50: The effective concentration of substance that causes 50% of the maximum response.  
 PBT: Persistent, Bioaccumulative and Toxic.  
 vPvB: Very Persistent and Very Bioaccumulative.  
 NOEC: The highest tested concentration at which, in a study, no statistically significant effect is observed in the exposed population compared with an appropriate control group.  
 NOAEL: The highest tested dose or exposure level at which there are no statistically significant increases in the frequency or severity of adverse effects between the exposed population and an appropriate control group; some effects may be produced at this level, but they are not considered adverse or precursors of adverse effects.

**Other:**

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

**Minor changes have been made in following sections:**

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**This material safety data sheet replaces version:**

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