

## Safety Data Sheet according to WHS Regulations

Printing date 19.01.2023

Version number 3.1

Revision: 19.01.2023

### 1 Identification

- **Product identifier**
- **Trade name:** KREUL Glass & Porcelain Classic 20 ml
- **Article number:**  
16200, 16201, 16203, 16206, 16207, 16209, 16212, 16213, 16218, 16219, 16221, 16223, 16225, 16226, 16229, 16230, 16231, 16234, 16600, 16604
- **Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture**  
Paint  
For artists and hobby user.
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
C. KREUL GmbH & Co. KG  
Carl-Kreul-Straße 2  
D-91352 HALLERNDORF  
GERMANY  
Phone: + 49 (0) 9545/925 - 0  
Fax: + 49 (0) 9545/925 - 511  
info@c-kreul.de
  
- Importer  
Zart Art Pty Ltd  
48 Overseas Drive  
Noble Park North 3174  
VIC  
Australia  
Phone: 61 3 9890 1867 / Fax: 61 3 9898 6527
- **Further information obtainable from:** Phone: 61 3 9890 1867 / Fax: 61 3 9898 6527
- **Emergency telephone number:** Poison Centre, Phone: 13 11 26

### 2 Hazard(s) Identification

- **Classification of the substance or mixture**  
The product is not classified, according to the Globally Harmonised System (GHS).

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- **Label elements**
- **GHS label elements** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### 3 Composition and Information on Ingredients

- **Description:** Mixture based on water, colorants, binders and additives.

- **Dangerous components:**

CAS: 57-55-6 EINECS: 200-338-0	Propylene glycol	5-<10%
CAS: 1336-21-6 EINECS: 215-647-6 Index number: 007-001-01-2	ammonia ⚠ Skin Corr. 1B, H314; ⚠ Aquatic Acute 1, H400	0-<0.1%
CAS: 55965-84-9 Index number: 613-167-00-5	5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1) ⚠ Acute Tox. 3, H301; Acute Tox. 2, H310; Acute Tox. 2, H330; ⚠ Skin Corr. 1C, H314; Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100); ⚠ Skin Sens. 1A, H317	0.00025-<0.0015%

- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

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### 4 First Aid Measures

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**  
Generally the product does not irritate the skin.  
Wash with water and acidic soap.  
If skin irritation continues, consult a doctor.
- **After eye contact:**  
Remove contact lenses.  
Rinse opened eye for several minutes under running water.
- **After swallowing:**  
If symptoms persist consult doctor.  
Rinse out mouth and then drink plenty of water.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed** No further relevant information available.

### 5 Fire Fighting Measures

- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **Special hazards arising from the substance or mixture**  
Formation of toxic gases is possible during heating or in case of fire.
- **Protective equipment:**  
No special measures required.  
Mouth respiratory protective device.
- **Additional information** Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

### 6 Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:**  
Dilute with plenty of water.  
Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose contaminated material as waste according to item 13.
- **Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### 7 Handling and Storage

- **Handling:**
- **Precautions for safe handling** No special precautions are necessary if used correctly.
- **Information about fire - and explosion protection:**  
Protect against electrostatic charges.  
The product is not flammable.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Protect from frost.  
Protect from heat and direct sunlight.
- **Specific end use(s)** See chapter 1.2.

### 8 Exposure controls and personal protection

- **Ingredients with limit values that require monitoring at the workplace:**

#### 57-55-6 Propylene glycol

WES | Long-term value: 474\* 10\*\* mg/m<sup>3</sup>, 150\* ppm  
\*vapour&particulates;\*\*particulates only

- **DNELs**

#### 57-55-6 Propylene glycol

Inhalative	chronic - local effect	10 mg/m <sup>3</sup> /long-term (general population) 10 mg/m <sup>3</sup> /long-term (worker)
	chronic - systemic effect	50 mg/m <sup>3</sup> /long term (general population) 168 mg/m <sup>3</sup> /long-term (worker)

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**1336-21-6 ammonia**

Oral	acute - systemic effect	6.8 mg/kg bw/d (general population)
	chronic - systemic effect	6.8 mg/kg bw/d /long-term (general population)
Dermal	acute - systemic effect	68 mg/kg bw/d (general population)
		6.8 mg/kg bw/d (worker)
Inhalative	chronic - systemic effect	68 mg/kg bw/d /long-term (general population)
		6.8 mg/kg bw/d /long-term (worker)
	acute - systemic effect	23.8 mg/m <sup>3</sup> (general population)
		47.6 mg/m <sup>3</sup> (worker)
	acute - local effect	7.2 mg/m <sup>3</sup> (general population)
		36 mg/m <sup>3</sup> (worker)
chronic - local effect		2.8 mg/m <sup>3</sup> /long-term (general population)
		14 mg/m <sup>3</sup> /long-term (worker)
	chronic - systemic effect	23.8 mg/m <sup>3</sup> /long-term (general population)
		47.6 mg/m <sup>3</sup> /long-term (worker)

· **PNECs****57-55-6 Propylene glycol**

water	183 mg/l
freshwater	260 mg/l
marine water	26 mg/l
sewage treatment plant (STP)	20,000 mg/l
freshwater sediment	572 mg/kg
marine sediment	57.2 mg/kg
soil	50 mg/kg
<b>1336-21-6 ammonia</b>	
water	0.001 mg/l
freshwater	0.001 mg/l
marine water	0.001 mg/l

· **Additional information:** The lists valid during the making were used as basis.· **Exposure controls**· **General protective and hygienic measures:**

Do not eat, drink, smoke or sniff while working.

Avoid contact with the eyes and skin.

Wash hands before breaks and at the end of work.

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:** Goggles recommended during refilling

## 9 Physical and Chemical Properties

· **General Information**· **Appearance:**

- **Form:** Fluid
- **Odour:** Characteristic
- **Odour threshold:** Not determined.
- **pH-value at 20 °C:** 6–9

· **Change in condition**

- **Melting point/freezing point:** Undetermined.
- **Initial boiling point and boiling range:** 100 °C
- **Flash point:** >100 °C
- **Flammability (solid, gas):** Not applicable.
- **Decomposition temperature:** Not determined.
- **Explosive properties:** Product does not present an explosion hazard.
- **Explosion limits:**

· **Lower:** Not determined.· **Upper:** Not determined.· **Vapour pressure:** Not determined.· **Density at 20 °C:** 1.0–1.1 g/cm<sup>3</sup>· **Relative density** Not determined.· **Vapour density** Not determined.· **Evaporation rate** Not determined.· **Solubility in / Miscibility with**· **water:** Fully miscible.

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- **Partition coefficient: n-octanol/water:** Not determined.
  - **Viscosity:**
  - **Dynamic:** Not determined.
  - **Kinematic:** Not determined.
- |                          |  |
|--------------------------|--|
| <b>Other information</b> | No further relevant information available. |
|--------------------------|--|

### 10 Stability and Reactivity

- **Reactivity** No further relevant information available.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

### 11 Toxicological Information

- **Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

#### LD/LC50 values relevant for classification:

##### 57-55-6 Propylene glycol

Oral	LD50	22,000 mg/kg (rat) (ECHA)
Dermal	LD50	>2,000 mg/kg (rabbit) (ECHA)

##### 55965-84-9 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

Oral	LD50	64 mg/kg (rat)
Dermal	LD50	87 mg/kg (rab)
Inhalative	LC50/4h	0.05 mg/m <sup>3</sup> (ATE)

- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

### 12 Ecological Information

#### Toxicity

#### Aquatic toxicity:

##### 57-55-6 Propylene glycol

LC50/96h	40,613 mg/l (oncorhynchus mykiss) (ECHA)
LC50/48h	18,340 mg/l (ceriodaphnia dubia) (ECHA)
ErC50/72h	19,300 mg/l (skeletonema costatum) (ECHA)
NOEC/18h	>20,000 mg/l (pseudomonas putida) (ECHA)
NOEC/7d	13,020 mg/l (ceriodaphnia dubia) (ECHA)
NOEC/14d	<5,300 mg/l (skeletonema costatum) (ECHA)

##### 1336-21-6 ammonia

LC50/96h	0.26–4.6 mg/l (lepomis macrochirus)
	0.75–3.4 mg/l (pimephales promelas)
	0.16–1.1 mg/l (oncorhynchus mykiss)
EC50/48h	25.4 mg/l (daphnia magna)

##### 55965-84-9 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

LC50/96h	0.22 mg/l (oncorhynchus mykiss) (RAC)
EC50/48h	0.1 mg/l (daphnia magna)
EC50/72h	0.048 mg/l (pseudokirchneriella subcapitata)
NOEC	0.004 mg/l (daphnia magna) (OECD 211)
ErC50	0.0049 mg/l /120h (skeletonema costatum)
NOEC/21d	0.004 mg/l (daphnia)
NOEC/48d	0.00064 mg/l (skeletonema costatum)
NOEC/72h	0.0012 mg/l (pseudokirchneriella subcapitata) (OECD 201)
NOEC/28d	0.098 mg/l (oncorhynchus mykiss) (OECD 210)

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### · Persistence and degradability

#### 57-55-6 Propylene glycol

Carbon dioxide production	81.7 % /28d (OECD 301 F)
DOC removal	98.3 % /28d (OECD 301 F)
Oxygen consumption	106.8 % /28d (OECD 301 F)

### · Behaviour in environmental systems:

- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.

### · Additional ecological information:

#### · General notes:

Do not allow product to reach ground water, water course or sewage system.  
Danger to drinking water if even small quantities leak into the ground.

### · Results of PBT and vPvB assessment

- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

## 13 Disposal considerations

### · Waste treatment methods

#### · Recommendation

Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.

### · Uncleaned packaging:

- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

## 14 Transport information

### · UN-Number

· **ADG, ADN, IMDG, IATA** not regulated

### · UN proper shipping name

· **ADG, ADN, IMDG, IATA** not regulated

### · Transport hazard class(es)

· **ADG, ADN, IMDG, IATA**

· **Class** not regulated

### · Packing group

· **ADG, IMDG, IATA** not regulated

### · Environmental hazards:

Not applicable.

### · Special precautions for user

Not applicable.

### · Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

### · UN "Model Regulation":

not regulated

## 15 Regulatory information

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

#### · Australian Inventory of Industrial Chemicals

We confirm that they we are have checked the AICS under here <https://www.industrialchemicals.gov.au/search-inventory> and we can confirm that each ingredient is either listed on the AICS and within the allowable limit or meets restrictions on said ingredient.

All ingredients are listed.

### · Standard for the Uniform Scheduling of Medicines and Poisons

1336-21-6 ammonia

S5, S6; <0,1%

### · Australia: Priority Existing Chemicals

None of the ingredients is listed.

### · GHS label elements

· **Hazard pictograms** Void

· **Signal word** Void

· **Hazard statements** Void

### · Directive 2012/18/EU

· **Named dangerous substances - ANNEX I** None of the ingredients is listed.

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· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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### 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

H301 Toxic if swallowed.  
 H310 Fatal 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.  
 H400 Very toxic to aquatic life.  
 H410 Very toxic to aquatic life with long lasting effects.

· **Contact:** Phone: 61 3 9890 1867 / Fax: 61 3 9898 6527

· **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)  
 IMDG: International Maritime Code for Dangerous Goods  
 IATA: International Air Transport Association  
 EINECS: European Inventory of Existing Commercial Chemical Substances  
 ELINCS: European List of Notified Chemical Substances  
 CAS: Chemical Abstracts Service (division of the American Chemical Society)  
 DNEL: Derived No-Effect Level (REACH)  
 PNEC: Predicted No-Effect Concentration (REACH)  
 LC50: Lethal concentration, 50 percent  
 LD50: Lethal dose, 50 percent  
 PBT: Persistent, Bioaccumulative and Toxic  
 vPvB: very Persistent and very Bioaccumulative  
 Acute Tox. 3: Acute toxicity – Category 3  
 Acute Tox. 2: Acute toxicity – Category 2  
 Skin Corr. 1B: Skin corrosion/irritation – Category 1B  
 Skin Corr. 1C: Skin corrosion/irritation – Category 1C  
 Eye Dam. 1: Serious eye damage/eye irritation – Category 1  
 Skin Sens. 1A: Skin sensitisation – Category 1A  
 Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1  
 Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

· **\* Data compared to the previous version altered.**

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