

## Safety Data Sheet according to WHS Regulations

Printing date 26.09.2022

Version number 1.3

Revision: 26.09.2022

### 1 Identification

- **Product identifier**
- **Trade name:** MUCKI Finger Paint for Fabrics 150 ml, 250 ml
- **Article number:**  
28101, 28102, 28103, 28104, 28105, 28106, 28107, 28109, 28110, 28400, 28401, 28402, 28403, 28404, 28405, 28406
- **Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture**  
Finger paint  
Paint for children and for creative leisure activities.
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
C. KREUL GmbH & Co. KG  
Carl-Kreul-Straße 2  
D-91352 HALLERNDORF  
DEUTSCHLAND  
Tel. + 49 (0)9545 / 925 - 0  
Fax + 49 (0)9545 / 925 - 511  
E-Mail: info@c-kreul.de
- **Importer**  
Zart Art Pty Ltd  
48 Overseas Drive  
Noble Park North 3174  
VIC  
Australia  
Ph: 61 3 9890 1867 Fax: 61 3 9898 6527
- **Further information obtainable from:** Ph: 61 3 9890 1867 Fax: 61 3 9898 6527
- **Emergency telephone number:** Poison Centre 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).
- **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 of substances listed below with nonhazardous additions.

· **Dangerous components:**

CAS: 471-34-1 EINECS: 207-439-9	calcium carbonate	25- $<$ 50%
CAS: 56-81-5 EINECS: 200-289-5	glycerol	2.5- $<$ 5%
CAS: 57-55-6 EINECS: 200-338-0	Propylene glycol	0.5- $<$ 2.5%

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

### 4 First Aid Measures

- **Description of first aid measures**
- **General information:** No special measures required.
- **After inhalation:** Not applicable.

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- **After skin contact:**  
Wash with water and acidic soap.  
Generally the product does not irritate the skin.
- **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

- **Extinguishing media**
- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.
- **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 of the material collected according to regulations.
- **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:**  
No special measures required.  
The product is not flammable.
- **Conditions for safe storage, including any incompatibilities**
- **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.
- **Storage class:** 12
- **Specific end use(s)** See chapter 1.2.

### 8 Exposure controls and personal protection

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

#### 471-34-1 calcium carbonate

WES | Long-term value: 10 mg/m<sup>3</sup>

#### 56-81-5 glycerol

WES | Long-term value: 10 mg/m<sup>3</sup>

#### 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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### · 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

· **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.  
Wash hands before breaks and at the end of work.

#### · Material of gloves -

#### · Penetration time of glove material -

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

## 9 Physical and Chemical Properties

### · Information on basic 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: Not applicable.

· 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 at 20 °C: 23 hPa

Density at 20 °C:	1.1–1.3 g/cm <sup>3</sup>
Relative density	Not determined.
Vapour density	Not determined.
Evaporation rate	Not determined.

#### · Solubility in / Miscibility with water:

Fully miscible.

· Partition coefficient: n-octanol/water: Not determined.

#### · Viscosity:

Dynamic:	Not determined.
Kinematic:	Not determined.

· Other information No further relevant information available.

## 10 Stability and Reactivity

· **Reactivity** No further relevant information available.

#### · Chemical stability

· **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.

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### 11 Toxicological Information

- Information on toxicological effects
- Acute toxicity

- LD/LC50 values relevant for classification:

#### 471-34-1 calcium carbonate

Oral	LD50	6,450 mg/kg (rat)
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#### 56-81-5 glycerol

Oral	LD50	12,600 mg/kg (rat)
		>10,000 mg/kg (rabbit)
Dermal	LD50	>10,000 mg/kg (rabbit)

#### 57-55-6 Propylene glycol

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

- Primary irritant effect:
- Skin corrosion/irritation No irritant effect.
- Serious eye damage/irritation No irritating effect.
- Respiratory or skin sensitisation No sensitising effects known.
- Additional toxicological information:  
The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.  
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

### 12 Ecological Information

- Toxicity

- Aquatic toxicity:

#### 56-81-5 glycerol

LC50/96h	>1,000 mg/l (fish)
	54,000 mg/l (salmo gairdneri)
EC50/24h	>10,000 mg/l (daphnia magna)

#### 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)

- 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 undiluted product or large quantities of it to reach ground water, water course or sewage system.
- 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  
Smaller quantities can be disposed of with household waste.  
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.

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· **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

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### 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**

The mixture is not a scheduled poison under the SUSMP.

122-99-6 | 2-phenoxyethanol

S6; <1%

· **Australia: Priority Existing Chemicals**

None of the ingredients is listed.

· **GHS label elements** Void

· **Hazard pictograms** Void

· **Signal word** Void

· **Hazard statements** Void

· **Directive 2012/18/EU**

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

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

### 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.

· **Contact:** Ph: 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

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

AU