

SAFETY DATA SHEET

Uula Pohjamaali ulkokäyttöön

The safety data sheet is in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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

Date issued	01.12.2017/Last checked: 19.4.2018
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1.1. Product identifier

Product name	Uula Pohjamaali ulkokäyttöön
Product definition	Water soluble oil paint

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

Use of the substance / preparation	Painting work
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1.3. Details of the supplier of the safety data sheet

Company name	Uula Color Oy
Postal address	Yttiläntie 265
Postcode	32920
City	KAUVATSA
Country	Finland
Telephone number	+358 (0)108200020
Email	uula@uula.fi
Website	www.uula.fi

1.4. Emergency telephone number

Emergency telephone	Telephone number: 09 471 977 (direct) / +358 9 471 977, switchboard: 09-4711 Description: Poison Information Centre, Helsinki 24/7
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SECTION 2: Hazards identification**2.1. Classification of substance or mixture**

Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]	Aquatic Chronic 2; H411 Skin Sens. 1A; H317
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Substance / mixture hazardous properties	2-octyl-2H-isothiazol-3-one; 4,5-dichloro-2-octyl-2H-isothiazol-3-one
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2.2. Label elements

Hazard pictograms (CLP)



Composition on the label	2-Octyl-2H-isothiazol-3-one $\geq 0,1 < 0,3$ %, 4,5-dichloro-2-octyl-2H-isothiazol-3-one $\geq 0,1 < 0,4$ %
Signal word	Warning
Hazard statements	H317 May cause an allergic skin reaction. H411 Toxic to aquatic life with long lasting effects.
Precautionary statements	P102 Keep out of reach of children. P280 Wear protective gloves / protective clothing / eye protection / face protection. P273 Avoid release to the environment. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P261 Avoid breathing the mist/spray.
Supplemental label information	EUH 208 Contains 2-octyl-2H-isothiazol-3-one; 4,5-dichloro-2-octyl-2H-isothiazol-3-one. May produce an allergic reaction.

2.3. Other hazards

Other hazards	No data recorded.
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SECTION 3: Composition / information on ingredients

3.2. Mixtures

Substance	Identification	Classification	Contents
2-Octyl-2H-isothiazol-3-one	CAS No.: 26530-20-1 EC No.: 247-761-7 Index No.: 613-112-00-5	Acute tox. 3; H331 Acute tox. 3; H311 Acute tox. 4; H302; Skin Corr. 1B; H314 Skin Sens. 1; H317 Aquatic Acute 1; H400; M-factor 1; Aquatic Chronic 1; H410; M-factor 1;	$\geq 0,1 < 0,3$ %
4,5-dichloro-2-octyl-2H-isothiazol-3-one	CAS No.: 64359-81-5 EC No.: 264-843-8	Acute tox. 4; H302 Acute tox. 2; H330 Skin Corr 1B; H314 Skin Sens. 1; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	$\geq 0,1 < 0,4$ %

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for
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	breathing.
Skin contact	IF ON SKIN: Wash with plenty of soap and water.
Eye contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Ingestion	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Contact physician if larger quantity has been consumed. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

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

Acute symptoms and effects The immediate and delayed effects are mentioned in sections 2 and 11.

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

Other information Not determined.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media The product is non-combustible. In the event of a fire: To extinguish a fire, use an extinguishing substance that is suitable for fighting the fire surrounding the product. Water mist. Foam, carbon dioxide or dry powder.

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards In case of fire, toxic gases may be formed. Carbon monoxide (CO). Hydrocarbons. Carbon dioxide (CO₂). Avoid inhaling the smoke created in the fire.

5.3. Advice for firefighters

Personal protective equipment In case of inadequate ventilation wear respiratory protection. Wear fire / flame resistant / retardant clothing.

Fire fighting procedures We refer to the company's fire safety practices.

Other information Water used to extinguish the fire must be prevented from entering surface or ground water systems. The remains of the fire and the contaminated extinguishing water must be handled in accordance with the requirements set by the local authorities.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal protection measures Wear necessary protective equipment. Avoid inhaling the smoke.

6.2. Environmental precautions

Environmental precautionary measures Do not allow to enter drains, sewers or watercourses. Collect spillage.

6.3. Methods and material for containment and cleaning up

Other information	Use sand or an inert absorbent material to absorb spillage and move it to a safe location. More information on disposal can be found under section 13. Flush with plenty of water and detergent to clean spillage area.
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6.4. Reference to other sections

Other instructions	Personal protective equipment: see section 8. Waste management measures: see section 13.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling	Avoid prolonged skin contact. Avoid exposure to paint mist or spray. See the information on the appropriate personal protective equipment under section 8. Eating, drinking and smoking should be prohibited in areas where this product is handled and stored. Wash hands before breaks and immediately after handling the product.
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Protective safety measures

Preventive measures to protect the environment	Avoid releases to the environment.
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7.2. Conditions for safe storage, including any incompatibilities

Storage	Store in tightly closed original container in a dry, cool and well-ventilated place. Keep separate from food, feedstuffs, fertilizers and other sensitive material. The most appropriate storage temperature is +5 C to +25 C.
Conditions to avoid	Do not allow the product to freeze. Protect from sunlight.

7.3. Specific end use(s)

Specific use(s)	No information.
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SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Substance	Identification	Value	TWA Year
2-Octyl-2H-isothiazol-3-one	CAS No.: 26530-20-1		
Other Information about threshold limit values	CAS 26530-20-1 values: 8 hours (TWA): 0.2 mg/m ³ for the Dow IHG 8 hours (TWA): 0.6 mg/m ³ Dow IHG		
Control parameters comments	HTP-values are listed above, if they have been determined.		

DNEL / PNEC

DNEL	Comments: Information is not available.
PNEC	Comments: Information is not available.

8.2. Exposure controls

Safety signs



Precautionary measures to prevent exposure

Product related measures to prevent exposure	Ensure adequate ventilation. Do not breathe vapors or spray mist. Spray painting must only be performed in well-ventilated areas.
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Eye / face protection

Eye protection, comments	Wear approved, tight fitting safety glasses where splashing is probable.
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Hand protection

Skin- / hand protection, long term contact	Wear protective gloves.
Suitable gloves type	Nitrile.

Skin protection

Skin protection remark	Wear appropriate clothing to prevent any possibility of skin contact.
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Respiratory protection

Respiratory protection, comments	In case of inadequate ventilation or risk of inhalation of oil mist, suitable respiratory equipment with combination filter (type A2/P3) can be used.
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Thermal hazards

Thermal hazards	No data recorded.
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Appropriate environmental exposure control

Environmental exposure controls	For more information on measures that limit environmental exposure, see sections 13 (waste management), 7 (handling and storage of the product) and 1.2. (the substance's or product's identified uses and any restrictions on use).
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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Colour	Misc. colours.
Odour	Mild.
Odour limit	Comments: Not relevant.
pH	Status: In delivery state Comments: Not relevant.

Melting point / melting range	Value: 0 °C Comments: 0 °C (water)
Boiling point / boiling range	Value: 100 °C Comments: 100 °C (water)
Flash point	Comments: (>100 °C)
Evaporation rate	Comments: Not relevant.
Flammability (solid, gas)	Not relevant. The product is a liquid.
Explosion limit	Comments: No flammable ingredients present.
Vapour pressure	Value: 2346 Pa Temperature: 20 °C
Vapour density	Comments: Not determined.
Specific gravity	Value: 1.277 Temperature: 20 °C
Solubility	Medium: Water Comments: Not determined.
Partition coefficient: n-octanol/water	Value: 204 °C
Spontaneous combustibility	Comments: Not relevant.
Decomposition temperature	Comments: Not relevant.
Viscosity	Comments: Not relevant.
Explosive properties	The product does not contain explosive ingredients. Oxidizing ingredients not present.
Oxidising properties	

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	Stable under recommended storage conditions. Dangerous reactions are not to be expected, if the technical guidelines regarding the storage of chemicals are complied with.
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10.2. Chemical stability

Stability	Stable under normal temperature conditions and recommended use.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Under the conditions specified in these guidelines, no dangerous reactions leading to high temperatures or pressure are expected.
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10.4. Conditions to avoid

Conditions to avoid	Protect from freezing. Avoid exposure to high temperatures.
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10.5. Incompatible materials

Materials to avoid	Strong alkalis. Strong acids. Oxidizing agents.
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10.6. Hazardous decomposition products

Hazardous decomposition products	Very high temperatures can lead to the formation of dangerous decomposition products such as carbon dioxide (CO ₂), carbon monoxide, and other organic compounds.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	Comments: Information that would apply to the product itself does not exist.
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Other information regarding health hazards

Assessment of acute toxicity, classification	According to the information available, the classification criteria are not met, but the product does include substances classified as dangerous in terms of this effect. For more information, see section 3.
General	Contains glycols. Due to the possibility of effects that are hazardous to your health it is recommended that you do not inhale the fumes for long periods of time. There is no information based on experimental evidence available on the mixture's toxicity. No test results are available for the product. This product has been classified in accordance with the CLP Regulation (EC) No 1272/2008.
Inhalation	Due to the possibility of effects that are hazardous to your health it is recommended that you do not inhale the fumes for long periods of time.
Skin contact	Prolonged skin contact may cause allergic contact dermatitis and/or skin irritation.
Eye contact	Not determined.
Assessment of carcinogenicity, classification	Not determined.
Reproductive toxicity	Not determined.
Assessment of specific target organ SE, classification	Not determined.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity	Toxic to aquatic life with long lasting effects.
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12.2. Persistence and degradability

Persistence degradability additional information	Not determined.
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12.3. Bioaccumulative potential

Bioaccumulation, comments	Not determined.
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12.4. Mobility in soil

Mobility, comments	Not determined.
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12.5. Results of PBT and vPvB assessment

PBT assessment results	Not applicable.
vPvB evaluation results	Not applicable.

12.6. Other adverse effects

Other adverse effects, comments	None known.
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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Specify the appropriate methods of disposal	Empty, dry sheet metal packages are suitable for metal recycling. Liquid waste must be taken to a hazardous waste collection point.
EWC waste code	EWC waste code: 080111 waste paint and varnish containing organic solvents or other dangerous substances
National regulations	Waste Act, 646/2011, 1104/2011, 195/2015, 1178/2013, 25/2014, 410/2014, 528/2014.

SECTION 14: Transport information

Dangerous goods	No
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14.1. UN number

Comments	Not classified as hazardous under the regulations concerning road and rail transport.
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14.2. UN proper shipping name

Comments	This product is not classified for transport under the ADR/RID, IMDG or IATA.
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14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

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

SECTION 15: Regulatory information

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

Comments	Regulation (EC) No 528/2012: contains a preservative to protect the original properties of the treated product. Includes: 2-octyl-2H-isothiazol-3-one; 4,5-dichloro-2-octyl-2H-isothiazol-3-one
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15.2. Chemical safety assessment

Chemical safety assessment	Not determined.
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SECTION 16: Other information

Supplier's notes	This safety data sheet has been drawn up pursuant to Regulation (EC) no 1907/2006, Regulation (EC) no 453/2010 and Regulation 2015/830, annex II (Guidance on the compilation of safety data sheet).
List of relevant H-phrases (Sections 2 and 3)	H302 Harmful if swallowed. H311 Toxic in contact with skin. H314 Causes severe skin burns and eye damage. H317 May cause an allergic skin reaction. H330 Fatal if inhaled. H331 Toxic if inhaled. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects.
Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]	Aquatic Chronic 2; H411 Skin Sens. 1A; H317
CLP classification, notes	Skin Sens 1A: calculation method Aquatic Chronic 2: Calculation method
Training advice	It is recommended that all personnel handling this product receive the minimum level of training aimed at personnel protection and the prevention of occupational risks, which will facilitate their understanding and interpretation of this safety data sheet and product labels.
Key literature references and sources for data	(EY) No. 1907/2006 (REACH) http://eur-lex.europa.eu http://echa.europa.eu Reports and analyses provided by various raw material manufacturers.
Abbreviations and acronyms used	- The CLP Regulation (EC) No. 1272/2008 on the classification, labelling and packaging of substances and mixtures. - PBT - persistent, bioaccumulative and toxic substance - vPvB - very persistent and very bioaccumulative substance - ADR - European Agreement concerning the international carriage of dangerous goods on the road - IMDG - International Maritime Code for Dangerous Goods - IATA - International Air Transport Association - HTP - known harmful concentration - DNEL - derived no-effect level - PNEC - probable no effect concentration
Information added, deleted or revised	Re-formulation. Change in classification.
Last update date	19.4.2018
Version	1