

**MAALIPESU (Cleaning Agent)**

Date 7.2.2008

Previous date: 5.10.2005

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING****1.1 Identification of the article**

**1.1.1 Commercial Product Name**  
MAALIPESU (Cleaning Agent)

**1.1.2 Product code**  
006 1901

**1.2 Use of the Substance/Preparation**

**1.2.1 Intended use**  
Painting work.  
Description: An alkaline cleaning detergent

**1.3 Identification of the company**

**1.3.1 Supplier**  
Tikkurila Oy

**1.3.2 Contact information:**

**P.O.Box** P.O.Box 53  
**Postcode and post office** FIN-01301 VANTAA  
FINLAND  
**Telephone** +358 9 857 71  
**Telefax** +358 9 8577 6936

**1.3.4 Responsible for the Safety Data Sheet:**

Tikkurila Oy, Product Safety, e-mail: productsafety@tikkurila.com

**1.4 Emergency telephone number**

**1.4.1 Telephone number, name and address**  
Tikkurila Oy, Environment and Safety: +358 9 857 71

**2. HAZARDS IDENTIFICATION**

Corrosive, C

Information on hazard labelling in section 15.1.

**3. COMPOSITION/INFORMATION ON INGREDIENTS****3.1 Hazardous components**

<b>3.1.1 CAS number EINECS</b>		<b>3.1.2 Chemical name of the substance</b>	<b>3.1.3 Concentration</b>	<b>3.1.4 Classification</b>
1310-58-3	215-181-3	Potassium hydroxide	1 - 2 %	C; R22-35
112-34-5	203-961-6	Butyl diglycol	25 - 50 %	Xi; R36
10213-79-3	-	Sodium metasilicate	1 - 5 %	C; R34-37
68585-34-2	500-223-8	Sodium dodecyl/tetradecyl ether sulphate	< 1 %	Xi; R36/38
68915-31-1	272-808-3	Polyphosphoric acids, sodium salts	< 1 %	-

**3.1.7 Further information**

Contains &lt; 5 % anionic surfactants and &lt; 5 % phosphates.

**4. FIRST AID MEASURES****4.1 Additional advice**

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**MAALIPESU (Cleaning Agent)**

Date 7.2.2008

Previous date: 5.10.2005

**4.2 Inhalation**

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**4.3 Skin contact**

Remove contaminated clothing immediately. Wash skin thoroughly with soap and water or use recognized skin cleanser.

**4.4 Eye contact**

Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart and seek medical advice.

**4.5 Ingestion**

If accidentally swallowed obtain immediate medical attention. Keep at rest. DO NOT induce vomiting.

**5. FIRE-FIGHTING MEASURES****5.1 Suitable extinguishing media**

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**5.2 Extinguishing media which must not be used for safety reasons**

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**5.3 Specific hazards**

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**6. ACCIDENTAL RELEASE MEASURES****6.1 Personal precautions**

Avoid skin and eye contact with the product.

**6.2 Environmental precautions**

Undiluted product is not allowed to enter drains or water courses.

**6.3 Methods for cleaning up**

Contain and collect spillage with absorbent materials, e.g. sand or vermiculite and place in a container for disposal according to local regulations. Clean with a plenty of water.

**7. HANDLING AND STORAGE****7.1 Handling**

Avoid contact with skin and eyes.

**7.2 Storage**

Keep containers tightly closed. Store in a dry place. Do not allow to freeze.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****8.1 Exposure Limit Values****8.1.1 Occupational exposure limit values**

Potassium hydroxide (TLV-C) 2 mg/m<sup>3</sup> (15 min)

**8.1.2 Information on limit values**

TLV-TWA = Threshold Limit Values - Time-weighted average / ACGIH 2007

**8.2 Exposure controls****8.2.1 Occupational exposure controls**

Provide adequate ventilation. Comply with the health and safety at work laws.

**8.2.1.1 Respiratory protection**

Use appropriate certified respirators if ventilation is insufficient.

**8.2.1.2 Hand protection**

Always wear approved protective gloves (e.g. nitrile rubber) against chemicals. Barrier creams may also help to protect the exposed areas of the skin.

**MAALIPESU (Cleaning Agent)**

Date 7.2.2008

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- 8.2.1.3 Eye protection**  
Use safety eyewear designed to protect against splashes of liquids.
- 8.2.1.4 Skin and body protection**  
Use suitable protective clothing.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

- 9.1 General Information (appearance, odour)**  
Viscous liquid
- 9.2 Important Health Safety and Environmental Information**
- 9.2.1 pH** about 14
- 9.2.2 Boiling point/range** -
- 9.2.3 Flash point** -
- 9.2.5 Explosive properties**
- 9.2.5.1 Lower explosion limit** -
- 9.2.5.2 Upper explosion limit** -
- 9.2.7 Vapour pressure** -
- 9.2.8 Relative density** 1,02
- 9.2.9 Solubility**
- 9.2.9.1 Water solubility** Soluble

**10. STABILITY AND REACTIVITY**

- 10.1 Conditions to avoid**  
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- 10.2 Materials to avoid**  
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- 10.3 Hazardous decomposition products**  
Hazardous decomposition products may produce, when exposed to high temperatures.

**11. TOXICOLOGICAL INFORMATION**

- 11.1 Acute toxicity**  
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- 11.2 Primary irritation**  
Causes severe burns.
- 11.3 Sensitisation**  
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- 11.5 Human experience**
- 11.5.1 Inhalation: Long term exposure causes irritation of respiratory system and mucous membranes of nose and throat.
- 11.5.2 Skin contact: Splashes are strongly irritating and may cause burns. Contact with the eyes may cause burns. Repeated or prolonged contact with the preparation, even with diluted solution, may cause contact dermatitis.
- 11.5.3 Other effects: ---

**12. ECOLOGICAL INFORMATION**

- 12.6 Other adverse effects**  
Sodium dodecyl/tetradecyl ether sulphate: The product is in accordance with the regulations about degradation of detergents.  
There is no data available on the preparation itself. The product should not be allowed to enter drains or water courses.

**MAALIPESU (Cleaning Agent)**

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**13. DISPOSAL CONSIDERATIONS**

13.1 Product residues: Gather residues into waste containers. Destroy according to the rules given by local authorities. EWC-code for liquid waste is e.g 08 01 11 (waste paint and varnish containing organic solvents or other dangerous substances).

13.2 Packaging: Empty cans should be recycled or disposed of in accordance with local regulations.

**14. TRANSPORT INFORMATION**

14.1	UN No	1719
14.2	Packing group	III
14.3	Land transport	
14.3.1	ADR/RID Class	8
14.3.3	Description of the goods	caustic alkali liquid, N.O.S. (potassium hydroxide)
14.4	Sea transport	
14.4.1	IMDG Class	8
14.4.2	Proper shipping name	caustic alkali liquid, N.O.S. (potassium hydroxide)
14.4.3	Further Information	EmS: F-A,S-B

**15. REGULATORY INFORMATION**

15.1	<b>Information on the warning label</b>	
15.1.1	<b>Letter code of the warning symbol and indications of danger for the preparation</b>	
	C	Corrosive
15.1.2	<b>Names of the ingredients given on the warning label</b>	
	Potassium hydroxide	
15.1.3	<b>R-phrases(s)</b>	
	R35	Causes severe burns.
15.1.4	<b>S-phrases(s)</b>	
	S1/2	Keep locked up and out of the reach of children.
	S23	Do not breathe vapour/spray.
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S27	Take off immediately all contaminated clothing.
	S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
	S45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
	S51	Use only in well-ventilated areas.
15.1.5	<b>Special regulations on certain preparations</b>	
	Contains < 5 % anionic surfactants and < 5 % phosphates.	

**16. OTHER INFORMATION**

16.1	<b>Full text of R-phrases referred to under sections 2 and 3</b>	
	R35	Causes severe burns.
	R22	Harmful if swallowed.
	R34	Causes burns.
	R36	Irritating to eyes.
	R36/38	Irritating to eyes and skin.
	R37	Irritating to respiratory system.
16.4	<b>Additional information</b>	

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The information of this MSDS is based on the present state of our knowledge and on current EC laws. It is meant as a description of the safety requirements of our product: it is not to be considered as a guarantee of the products' properties.

Additional information available from: Tikkurila Oy, Product Safety, P.O. Box 53, FIN-01301 VANTAA, FINLAND, Telephone +358 9 857 71, Fax +358 9 8577 6936, E-mail: [productsafety@tikkurila.com](mailto:productsafety@tikkurila.com)

**Signature**

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