

**HOMEENPOISTO (Mould Removal)**

Date 3.6.2008

Previous date: 16.5.2006

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**

- 1.1 Identification of the article**  
**1.1.1 Commercial Product Name**  
 HOMEENPOISTO (Mould Removal)
- 1.1.2 Product code**  
 006 1905
- 1.2 Use of the Substance/Preparation**  
**1.2.1 Intended use**  
 Painting work.  
 Description: A hypochlorite solution for the removal of mould etc.
- 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** FI-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**

Irritant; Xi  
 Risk of serious damage to eyes. Irritating to skin.

Information on hazard labelling in section 15.1.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

<b>3.1 Hazardous components</b>	<b>3.1.1 CAS number</b>	<b>EINECS</b>	<b>3.1.2 Chemical name of the substance</b>	<b>3.1.3 Concentration</b>	<b>3.1.4 Classification</b>
	1310-73-2	215-185-5	Sodium hydroxide	< 1 %	C; R35
	7681-52-9	231-668-3	Sodium hypochlorite (active chlorine)	1 - 5 %	C; R31-34
	3332-27-2	222-059-3	N,N-dimethyltetradecylamine N-oxide	1 - 2,5 %	Xi; R38-41
	68891-38-3	500-234-8	Sodium lauryl ether sulfate	< 1 %	Xi; R36/38
<b>3.1.7 Further information</b>	Contains < 5 % anionic surfactants, < 5 % non-ionic surfactants and < 5 % chlorine-based bleaching agents.				

**4. FIRST AID MEASURES**

- 4.1 Additional advice**  
 In all cases of doubt, or when symptoms persist, seek medical attention.

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**4.2 Inhalation**

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**4.3 Skin contact**

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

**4.4 Eye contact**

Immediately 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**

Clean with a plenty of water.

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

Avoid contact with skin and eyes. Do not mix the product with other detergents

**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**

Sodium hydroxide                      2 mg/m<sup>3</sup> (8 h)

**8.1.2 Information on limit values**

TLV-C = Threshold Limit Values - Ceiling limit / ACGIH 2007

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

During spray-application provide adequate ventilation. Comply with the health and safety at work laws.

**8.2.1.1 Respiratory protection**

If ventilation during spray-application is not sufficient, use respiratory protection.

**8.2.1.2 Hand protection**

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

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**8.2.1.3 Eye protection**

Safety eyewear must be used during spray-application and against splashes.

**8.2.1.4 Skin and body protection**

Protective clothing must be used.

**9. PHYSICAL AND CHEMICAL PROPERTIES****9.1 General Information (appearance, odour)**

Yellowish liquid, chlorine-like odour

**9.2 Important Health Safety and Environmental Information**

<b>9.2.1</b>	<b>pH</b>	about 10,3
<b>9.2.2</b>	<b>Boiling point/range</b>	-
<b>9.2.3</b>	<b>Flash point</b>	-
<b>9.2.5</b>	<b>Explosive properties</b>	
<b>9.2.5.1</b>	<b>Lower explosion limit</b>	-
<b>9.2.5.2</b>	<b>Upper explosion limit</b>	-
<b>9.2.7</b>	<b>Vapour pressure</b>	-
<b>9.2.8</b>	<b>Relative density</b>	1,1
<b>9.2.9</b>	<b>Solubility</b>	
<b>9.2.9.1</b>	<b>Water solubility</b>	Soluble

**10. STABILITY AND REACTIVITY****10.1 Conditions to avoid**

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**10.2 Materials to avoid**

Reacts with acids releasing toxic chlorine gases. Do not mix the product with other detergents.

**10.3 Hazardous decomposition products**

Reacts with acids releasing toxic chlorine gases. 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**

Risk of serious damage to eyes. Irritating to skin.

**11.3 Sensitisation**

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**11.5 Human experience**

11.5.1 Inhalation: Long term exposure to spray mist irritates respiratory system and mucous membranes of the nose and throat. Prolonged inhalation of the vapour may cause inflammation of the lungs of various degrees depending on the intensity of the exposure.

11.5.2 Skin contact: Repeated or prolonged contact with the preparation may cause removal of the natural fat from the skin resulting in contact dermatitis. Splashes in the eyes may cause irritation.

11.5.3 Other effects: Harmful if taken internally.

**12. ECOLOGICAL INFORMATION****12.1 Ecotoxicity****12.1.1 Aquatic toxicity**

Sodium lauryl ether sulphate: LC50 (96h, fish) &gt; 1 mg/l

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**12.3 Persistence and degradability****12.3.1 Biodegradation**

N,N-dimethyl-1-tetradecylamine N-oxide: readily biodegradable  
Sodium lauryl ether sulphate: Readily biodegradable.

**12.6 Other adverse effects**

There is no data available on the preparation itself. The product should not be allowed to enter drains or water courses.

**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**

<b>14.1</b>	<b>UN No</b>	-
<b>14.2</b>	<b>Packing group</b>	-
<b>14.3</b>	<b>Land transport</b>	
<b>14.3.1</b>	<b>ADR/RID Class</b>	not classified
<b>14.4</b>	<b>Sea transport</b>	
<b>14.4.1</b>	<b>IMDG Class</b>	not classified
<b>14.5</b>	<b>Air transport</b>	
<b>14.5.1</b>	<b>ICAO/IATA Class</b>	not classified

**15. REGULATORY INFORMATION****15.1 Information on the warning label****15.1.1 Letter code of the warning symbol and indications of danger for the preparation**

Xi Irritant

**15.1.2 Names of the ingredients given on the warning label**

Sodium hydroxide  
Sodium hypochlorite (active chlorine)

**15.1.3 R-phrases(s)**

R38 Irritating to skin.  
R41 Risk of serious damage to eyes.

**15.1.4 S-phrases(s)**

S2 Keep 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.  
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.  
S46 If swallowed, seek medical advice immediately and show this container or label.  
S51 Use only in well-ventilated areas.

**15.1.5 Special regulations on certain preparations**

Warning! Do not use together with other products. May release dangerous gases (chlorine).  
Contains < 5 % anionic surfactants, < 5 % non-ionic surfactants and < 5 % chlorine-based bleaching agents.

**16. OTHER INFORMATION****16.1 Full text of R-phrases referred to under sections 2 and 3**

R38 Irritating to skin.

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R41	Risk of serious damage to eyes.
R31	Contact with acids liberates toxic gas.
R34	Causes burns.
R35	Causes severe burns.
R36/38	Irritating to eyes and skin.

**16.4 Additional information**

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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