

Safety data sheet

AdeKema Trallrent

1. Identification of the substance/preparation and of the company/undertaking

Prepared on: 2009-01-01/ IRE	Distributor: DAY-system ab export (UK) Grönkullen SE-517 33 Bollebygd
Product use: Cleaning agent for woodwork, exterior.	Tel:+46 33-7002600 Fax:+46 33-7002610 Contact person:Environment department Email: hse@day-system.com

2. Hazards identification

Causes burns.
Additional information For more information look in section 11.

3. Composition/information on ingredients

Einecs no.	CAS No.	Substances	Classification	w/w%
215-185-5	1310-73-2	Sodium hydroxide	C;R35	>2 - <5
230-785-7	7320-34-5	Tetrapotassium pyrophosphat	Xi;R36	1-2,5
<i>Please see section 16 for the full text of the R-phrases</i>				

4. First aid measures

Inhalation Persons feeling indisposed must be placed in fresh air and kept under surveillance.
Ingestion Drink a couple of glasses of water or milk. Do not induce vomiting. Seek medical advice immediately.
Skin Flush skin with large amounts of water and remove contaminated clothing, watches etc. simultaneously.
Eyes Remove any contact lenses. Bend head backwards, open eye wide and flush immediately with water for at least 15 minutes. Seek medical advice immediately. Continue flushing until medical attention is obtained.
Other information Never give anything by mouth to an unconscious person. When obtaining medical advice, show the safety data sheet or label. Symptoms: See section 11.

5. Fire-fighting measures

The product is not combustible. Do not inhale vapours and flue gases - seek fresh air. Extinguish with powder, foam, carbon dioxide or water mist. Keep run-off water out of sewers and water sources.
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6. Accidental release measures

Avoid contact with skin and eyes. Use appropriate protective equipment. See section 8. Avoid release of significant quantities of the product to water sources, sewers or the environment in general. If the product contaminates sea, lakes or drains, inform appropriate authorities in accordance with local regulations. Contain and absorb spill with sand or other absorbent material and transfer to suitable waste containers. See section 13 for instructions on disposal. Containers with collected spillage must be properly labelled with chemical composition and hazard symbol.

7. Handling and storage**Handling**

Avoid contact with skin and eyes.

Storage

Keep container tightly closed, dry and out of reach of children. Away from food.

8. Exposure controls/ personal protection**Precautions for use**

Running water and eye wash equipment should be available.

Respiratory protection

Not required.

Gloves and protective clothing

Use acid- and base-resistant gloves. Follow the glove supplier's instructions and information concerning use, break-through time etc. Wear suitable protective clothing.

Eye protection

Wear eye protection if there is a possibility of direct contact or splashes.

Occupational exposure limits

Ingredients	Exposure limit	Remarks
Sodium hydroxide	- ppm 2 (15 min) mg/m3	-

EH40/2005 Workplace exposure limits

Control methods

Compliance with occupational exposure limits may be checked by occupational hygiene measurements; Compliance with the stated occupational exposure limits may be checked by occupational hygiene measurements.

9. Physical and chemical properties

Appearance - Clear liquid
 Odour - None
 Relative density (kg/l): 1,06
 pH (concentrate): 13,5
 pH (1% solution): 12

Solubility in water: 100%
 Org. solvents (weight%): 0
 Water (weight%): >90

10. Stability and reactivity

Stable at normal handling. Reacts with strong acids. At high temperatures health-endangering decomposition products such as carbonmonoxide and carbondioxide may occur.

11. Toxicological information**Acute****Inhalation**

Smarting in nose and throat.

Ingestion

Smarting in nose, throat and mouth. May cause chemical burns to mouth, esophagus and stomach. Ingestion may cause nausea and vomiting. May cause shock.

Skin contact

Causes burns.

Eye contact

Causes burns. Risk of serious damage to the eyes.

Long-term effects**12. Ecological information**

The product is not classified as harmful to the environment according to the current legislation. The concentrated product should not be allowed to enter drains or watercourses.

Ecotoxicity

The product contains sodiumhydroxide that gives a high pH-value. A high pH-value has an acute toxic effect on aquatic organisms. pH-values above 9 have a corrosive effect on fish.

Mobility

The product is miscible with water and may cause damage to watercourses.

Persistence and degradability

The product contains sodium hydroxide: Biological degradability is not relevant for inorganic substances.

Bioaccumulative potential

Does not bioaccumulate.

13. Disposal considerations

Liquid residues of the product is classified as dangerous waste. EWC-code: 06 02 04 Sodium and potassium hydroxide. Empty containers should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act. Containers which are to be recycled should be empty and clean.

14. Transport information

The product must be transported in accordance with national and/or international rules for transport of dangerous goods by road and sea according to ADR and IMDG.

ADR: UN 1760 ; CORROSIVE LIQUID, N.O.S. SODIUM HYDROXIDE SOLUTION ; 8 ; III

IMDG: UN 1760 ; CORROSIVE LIQUID, N.O.S., SODIUM HYDROXIDE, SOLUTION ; 8 ; III

Classification code: Label ADR: 8 Hazard identification number: 80

Flash point: °C Label IMDG: 8 IMDG EmS.: F-A, S-B

Exceptions from the transportmarking according to this classification may occur on article level. See also respective transport regulations.

15. Regulatory information



Corrosive

Hazard designation: Corrosive

Hazard symbols: C

Contains

Sodium hydroxide

R-phrases

Causes burns. (R34)

S-phrases

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. (S26)

Wear suitable protective clothing, gloves and eye/face protection. (S36/37/39)

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). (S45)

Keep locked up and out of the reach of children. (S1/2)

Other labelling

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Chemical safety assessment

Chemical safety assessment has not been performed.

16. Other information

Restrictions on use

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Training requirement

No special training is required, but a thorough knowledge of this safety data sheet should be a prerequisite condition.

Sources used

The supplier's safety data sheets and current legislation.

Other information

The safety data sheet is based on EU and national legislation. The user's working conditions are out of our control. The information should be considered as a description of the safety demands put on the product and not as a guarantee of the properties of the product.

Full text of the R-phrases that are stated in section 3.

R35 Causes severe burns.

R36 Irritating to eyes.

Amendments have been made in the following sections

New.

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