

Material Safety Data Sheet

According to 91/155 EEC

Printing date 19.12.2005

Reviewed on 19.12.2005

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

- Product details
- Trade name: **Oil and Grease Remover Paste**
- Article number: 10896
- Application of the substance / the preparation Oil stain remover
- Manufacturer/Supplier: AKEMI chemisch technische Spezialfabrik GmbH
Lechstrasse 28
D 90451 Nürnberg
Tel. +49(0)911-642960
Fax. +49(0)911-644456
e-mail info@akemi.de
- Further information obtainable from: Laboratory

2 Composition/information on ingredients

- Chemical characterization
- Description: Mixture of substances listed below with nonhazardous additions.
- Dangerous components:
Alkanes, C7-10 25-50%
Xn; R 10-52/53-65-66
- Additional information: For the wording of the listed risk phrases refer to section 16.

3 Hazards identification

- Hazard description: Not applicable.
- Information concerning particular hazards for human and environment:
Contact with skin and inhalation of aerosols/ vapours of the preparation should be avoided.
The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent.
R 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R 66 Repeated exposure may cause skin dryness or cracking.
- Classification system: The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

4 First-aid measures

- General information: Immediately remove any clothing soiled by the product.
- After inhalation: Supply fresh air; consult doctor in case of complaints.
- After skin contact: Immediately wash with water and soap and rinse thoroughly.
- After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
- After swallowing: Rinse out mouth and then drink plenty of water.
Do not induce vomiting; call for medical help immediately.
- Information for doctor:
- The following symptoms may occur: Headache
Dizziness
Dizziness

5 Fire-fighting measures

- Suitable extinguishing agents: CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

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- Special hazards caused by the substance, its products of combustion or resulting gases: Under certain fire conditions, traces of other toxic gases cannot be excluded, e.g.:
Carbon monoxide (CO)
- Protective equipment: Wear self-contained respiratory protective device.

* 6 Accidental release measures

- Person-related safety precautions: Wear protective equipment. Keep unprotected persons away.
- Measures for environmental protection: Do not allow to enter sewers/ surface or ground water.
- Measures for cleaning/collecting: Pick up mechanically.
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- Additional information: See Section 13 for disposal information.

* 7 Handling and storage

- Handling:
- Information for safe handling: Store in cool, dry place in tightly closed receptacles.
- Storage:
- Requirements to be met by storerooms and receptacles: Store in a cool location.
- Information about storage in one common storage facility: Store away from foodstuffs.
- Further information about storage conditions: Protect from frost.
Store in dry conditions.

* 8 Exposure controls/personal protection

- Additional information about design of technical facilities: No further data; see item 7.
- Ingredients with limit values that require monitoring at the workplace:
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- Additional information: The lists valid during the making were used as basis.
- Personal protective equipment:
- General protective and hygienic measures:
The usual precautionary measures are to be adhered to when handling chemicals.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Do not inhale gases / fumes / aerosols.
Avoid contact with the eyes and skin.
Do not eat, drink, smoke or sniff while working.
Not necessary if room is well-ventilated.
- Respiratory protection:
- Protection of hands: Solvent resistant gloves
- Material of gloves: Nitrile rubber, NBR
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
- Penetration time of glove material: The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- Eye protection: Safety glasses
- Body protection: Protective work clothing

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9 Physical and chemical properties

General Information

Form: Pasty
 Colour: Light grey
 Odour: Weak, characteristic

Change in condition

Melting point/Melting range: Undetermined.
 Boiling point/Boiling range: Undetermined.

Flash point:

>22°C

Self-igniting:

Product is not selfigniting.

Danger of explosion:

Product does not present an explosion hazard.

Explosion limits:

Lower: 0.5 Vol %
 Upper: 6.5 Vol %

Vapour pressure at 20°C:

2 hPa

Density at 20°C:

~ 1.4 g/cm³

Solubility in / Miscibility with water:

Not miscible or difficult to mix.

10 Stability and reactivity

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

Dangerous reactions

No dangerous reactions known.

Dangerous decomposition products:

No dangerous decomposition products known.

11 Toxicological information

Acute toxicity:

Primary irritant effect:

on the skin:

No irritant effect.

on the eye:

No irritating effect.

Sensitization:

No sensitizing effects known.

12 Ecological information

Ecotoxicological effects:

Remark:

Harmful to fish

General notes:

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Harmful to aquatic organisms

13 Disposal considerations

Product:

Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

European waste catalogue

20 01 13 solvents

Uncleaned packaging:

Recommendation:

Disposal must be made according to official regulations.

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Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

* 14 Transport information

- Land transport ADR/RID (cross-border)
- ADR/RID class: -
- Maritime transport IMDG:
- IMDG Class: -
- Marine pollutant: No
- Air transport ICAO-TI and IATA-DGR:
- ICAO/IATA Class: 3
- UN/ID Number: 1263
- Label: 3
- Packaging group: III
- Proper shipping name: PAINT

* 15 Regulatory information

- Labelling according to EU guidelines: Observe the general safety regulations when handling chemicals. The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).
- Risk phrases: 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
66 Repeated exposure may cause skin dryness or cracking.
- Safety phrases: 2 Keep out of the reach of children.
23 Do not breathe fumes.
24/25 Avoid contact with skin and eyes.
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
29/56 Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.
36/37 Wear suitable protective clothing and gloves.
46 If swallowed, seek medical advice immediately and show this container or label.
- National regulations:
- Waterhazard class: Water hazard class 2 (Self-assessment): hazardous for water.

* 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.

- Relevant R-phrases 10 Flammable.
52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
65 Harmful: may cause lung damage if swallowed.
66 Repeated exposure may cause skin dryness or cracking.
- Department issuing MSDS: Laboratory
- Contact: Dieter Zimmermann
- * Data compared to the previous version altered.