

Material Safety Data Sheet
According to 91/155 EC

Printing date 22.11.2002

Reviewed on 22.11.2002

Trade name: ALTO WaxClean

6 Accidental release measures

- Person-related safety precautions: see point 8
- Measures for environmental protection:
Do not allow product to reach sewage system or water bodies.
Inform respective authorities in case product reaches water or sewage system.
- Measures for cleaning/collecting:
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

7 Handling and storage

- Handling
- Information for safe handling: No special measures required.
- Information about protection against explosions and fires:
No special measures required.
- Storage
- Requirements to be met by storerooms and containers:
No special requirements.
- Information about storage in one common storage facility: Not required.
- Further information about storage conditions: None.
- Storage class
- Class according to regulation on inflammable liquids: Void

8 Exposure controls and personal protection

- Personal protective equipment
- General protective and hygienic measures
The usual precautionary measures should be adhered to general rules for handling chemicals.
- Breathing equipment: Not required.
- Protection of hands:
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- Material of gloves
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. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- 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.

9 Physical and chemical properties:

- General Information
 - Form: Fluid
 - Colour: Blue
 - Odour: fresh
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 - Change in condition
 - Melting point/Melting range: Not determined
 - Boiling point/Boiling range: 100 ° C
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- Flash point: Not applicable
- Ignition temperature: 320 ° C
- Self-inflammability: Product is not selfigniting.
- Danger of explosion: Product is not explosive.
- Vapour pressure: at 20 ° C 23.0 hPa
- Density at 20 ° C 0.995 g/cm³
- Solubility in / Miscibility with
- Water: fully miscible
- pH-value: (10 g/l) at 20 ° C 7.6

10 Stability and reactivity

- Thermal decomposition / conditions to be avoided:
No decomposition if used according to specifications.
- Dangerous reactions No dangerous reactions known
- Dangerous products of decomposition:
No dangerous decomposition products known

11 Toxicological information

- Acute toxicity:
- Primary irritant effect:
 - on the skin: No irritant effect.
 - on the eye: No irritant effect.
- Sensitization: No sensitizing effect known.

12 Ecological information:

- General notes:
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.
The produkt is free from halogenorganic compounds(AOX), trisodium-hydrogennitriilotriacetate, edetic acid and phosphates

13 Disposal considerations

- Product:
 - Recommendation
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- Uncleaned packagings:
 - Recommendation:
Disposal must be made according to official regulations.

14 Transport information

- Land transport ADR/RID (cross-border)
- ADR/RID Class: -
- Maritime transport IMDG:

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- IMDG Class: -
 - Marine pollutant: No

 - Air transport ICAO-TI and IATA-DGR:
 - ICAO/IATA Class: -
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15 Regulatory information

- Designation according to EC guidelines:
The product has been classified and labelled in accordance with EC Directives / Ordinance on Hazardous Materials (GefStoffV)

 - Code letter and hazard designation of product: Xi Irritant

 - Hazard-determining components of labelling:
5-chloro-2-methyl-2H-isothiazol-3-one

 - Risk phrases:
36/37/38 Irritating to eyes, respiratory system and skin.
43 May cause sensitisation by skin contact.

 - Safety phrases:
2 Keep out of the reach of children.
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.
46 If swallowed, seek medical advice immediately and show this container or label.

 - National regulations

 - Classification according to VbF: Void

 - Water hazard class:
Water hazard class 1 (Self-assessment): slightly hazardous for water.
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16 Other information:

- These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
- Relevant R-phrases
22 Harmful if swallowed.
23/24/25 Toxic by inhalation, in contact with skin and if swallowed.
34 Causes burns.
36/38 Irritating to eyes and skin.
43 May cause sensitisation by skin contact.
50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

 - Department issuing data specification sheet:
Department cleaning and care agents
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