

Material Safety Data Sheet
According to 91/155 EC

Printing date 22.11.2002

Reviewed on 22.11.2002

1 Identification of substance:

- Product details:
- Trade name: ALTO QuickDry
- Manufacturer/Supplier:
ALTO Deutschland GmbH
Guido-Oberdorfer-Straße 2-8 Telefon: +49 7306/72-0
D - 89287 Bellenberg Telefax: +49 7306/72-316
- Informing department: Department cleaning and care agents
- Emergency information:
National Poisons
Information Service (L)
Medical Toxicology Unit
Avonley Road
Tel:0171/635 91 91
Fax:0171/771 53 09

2 Composition/Data on components:

- Chemical characterization
- Description:
Mixture of the substances listed below with harmless additions.
- Dangerous components:

112-34-5 2-(2-butoxyethoxy)ethanol	5-15 %
Xi; R 36	
EINECS: 203-961-6	
68733-78-8 Ditalgfettalkyldimethylammoniumchlorid	5-15 %
Xi; R 38-41	
64-19-7 acetic acid, of a concentration of more than	1-5 %
C; R 35	
EINECS: 200-580-7	
67-63-0 propan-2-ol	1-5 %
Xi; R 36-67	
EINECS: 200-661-7	
112-80-1 oleic acid, pure	1-5 %
Xi; R 36/37/38	
EINECS: 204-007-1	
- Additional information
For the wording of the listed risk phrases refer to section 16.

3 Hazards identification

- Hazard designation: Xi Irritant
 - Information pertaining to particular dangers for man and environment
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.
R 36 Irritating to eyes.
 - Classification system
The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.
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4 First aid measures

- After inhalation Supply fresh air; consult doctor in case of symptoms.
 - After skin contact Instantly rinse with water.
 - After eye contact
Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
 - After swallowing In case of persistent symptoms consult doctor.
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5 Fire fighting measures

- Suitable extinguishing agents
CO2, extinguishing powder or water spray jet with softener additives or with alcohol-resistant foam.
 - Protective equipment: No special measures required.
-

6 Accidental release measures

- Person-related safety precautions: see point 8.
 - Measures for environmental protection: Dilute with much water.
 - Measures for cleaning/collecting:
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
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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 applicable
 - Further information about storage conditions:
Keep container tightly sealed.
Protect from frost.
 - Storage class
 - Class according to regulation on inflammable liquids: Void
-

8 Exposure controls and personal protection

Components with limit values that require monitoring at the workplace:

64-19-7 acetic acid, of a concentration of more than (1-5%)

OES: Short-term value: 37 mg/m³, 15 ppm

Long-term value: 25 mg/m³, 10 ppm

ILV

67-63-0 propan-2-ol (1-5%)

OES: Short-term value: 1250 mg/m³, 500 ppm

Long-term value: 999 mg/m³, 400 ppm

- Personal protective equipment
- General protective and hygienic measures
Keep away from foodstuffs, beverages and food.
Take off immediately all contaminated clothing
Wash hands during breaks and at the end of the work.
Avoid contact with the eyes.
Avoid contact with the eyes and skin.
- Breathing equipment: Not required.

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- Dangerous products of decomposition:
No dangerous decomposition products known
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11 Toxicological information

- Acute toxicity:
 - Primary irritant effect:
 - on the skin: No irritant effect.
 - on the eye: cause irritation
 - Sensitization: No sensitizing effect known.
 - Additional toxicological information:
The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:
Irritant
-

12 Ecological information:

- General notes:
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water.
The tensides are biologically degradable according to the German Detergents Legislation(Organisation for Economic Cooperation and Development)
The product is free from halogen organic compounds (AOX)
Automatic separation from oil in waste water in conjunction with highly volatile separator tested in accordance with the Austria Standarts Institute (5105)
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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.
 - Recommended cleaning agent: Water, if necessary with cleaning agent.
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14 Transport information

- Land transport ADR/RID (cross-border)
 - ADR/RID Class: -
 - Maritime transport IMDG:
 - Marine pollutant: No
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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
- Risk phrases: 36 Irritating to eyes.
- Safety phrases:
2 Keep out of the reach of children.

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- 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.
- 28 After contact with skin, wash immediately with plenty of water.
- 37/39 Wear suitable gloves and eye/face protection.
- 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 2 (Self-assessment): 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
 - 35 Causes severe burns.
 - 36 Irritating to eyes.
 - 36/37/38 Irritating to eyes, respiratory system and skin.
 - 38 Irritating to skin.
 - 41 Risk of serious damage to eyes.
 - 67 Vapours may cause drowsiness and dizziness.
 - Department issuing data specification sheet:
Department cleaning and care agents
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