



Material Safety Data Sheet  
According to 91/155 EC

Printing date 20.11.2002

Reviewed on 20.11.2002

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Trade name: ALTO Consex Forte

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(Contd. of page 1)

- Protective equipment: No special measures required.
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**6 Accidental release measures**

- Person-related safety precautions: see point 8.
  - Measures for environmental protection: No special measures required.
  - Measures for cleaning/collecting:  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose of contaminated material as waste according to item 13.  
Ensure adequate ventilation.
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**7 Handling and storage**

- Handling
    - Information for safe handling:  
Ensure good ventilation/exhaustion at the workplace.  
Keep containers tightly sealed.
    - Information about protection against explosions and fires:  
Keep ignition sources away - Do not smoke.
  - 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: A III
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**8 Exposure controls and personal protection**

- Personal protective equipment
  - General protective and hygienic measures  
Keep away from foodstuffs, beverages and food.  
Wash hands during breaks and at the end of the work.
  - Breathing equipment:  
Not necessary with good ventilation or in fresh air
  - 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.
  - Eye protection: Safety glasses recommended during refilling.
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**9 Physical and chemical properties**

- General Information
- Form: Fluid

(Contd. on page 3)

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(Contd. of page 2)

- Colour:	Yellowish		
- Odour:	Benzen-like		
-		Value/Range	Unit Method
- Change in condition			
- Melting point/Melting range:		Not determined	
- Boiling point/Boiling range:		175	° C
- Flash point:		65	° C
- Self-inflammability:		Product is not selfigniting.	
- Danger of explosion:		Product is not explosive.	
- Density	at 20 ° C	ca.175-325	g/cm <sup>3</sup>
- Solubility in / Miscibility with			
- Water:		Not miscible or difficult to mix	
- Solvent content:			
- Organic solvents:		0.0	%
- Solids content:		1.0	%

**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: can cause irritation
  - on the eye: can 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:

**12 Ecological information**

- General notes:  
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water.
- General notes:  
Do not allow product to reach ground water, water bodies or sewage system.  
The product is free from halogen organic compounds ( AOX )  
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.

**13 Disposal considerations**

- Product:
- Recommendation  
Must not be disposed of together with household garbage. Do not allow  
(Contd. on page 4)

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(Contd. of page 3)

product to reach sewage system.

- Uncleaned packagings:
  - Recommendation:  
Disposal must be made according to official regulations.
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**14 Transport information**

- Land transport ADR/RID (cross-border)
  - ADR/RID Class: 3 (F2) Flammable liquids.
  - Kemler Number: 30
  - UN-Number: 1993
  - Packaging group: III
  - Label 3
  - Designation of goods: 1993 FLAMMABLE LIQUID N.O.S. (KEROSENE)
  - Maritime transport IMDG:
  - IMDG Class: 3
  - UN Number: 1993
  - Label 3
  - Packaging group: III
  - EMS Number: 3-07
  - Marine pollutant: n.a.
  - No
  - Correct technical name: FLAMMABLE LIQUID N.O.S.
  - Air transport ICAO-TI and IATA-DGR:
  - ICAO/IATA Class: 3
  - UN/ID Number: 1993
  - Label 3
  - Packaging group: III
  - Correct technical name: FLAMMABLE LIQUID N.O.S.
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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: Xn Harmful
  - Hazard-determining components of labelling: Petroleum
  - Risk phrases: 65 Harmful: may cause lung damage if swallowed.
  - Safety phrases:
    - 23 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).
    - 36 Wear suitable protective clothing.
    - 60 This material and its container must be disposed of as hazardous waste.
    - 62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
  - National regulations
  - Classification according to VbF: A III
  - 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  
38 Irritating to skin.  
65 Harmful: may cause lung damage if swallowed.
  
  - Department issuing data specification sheet:  
Department cleaning and care agents
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