

**ALKANOL® XC**

Version 2.00000

Revision Date 25.11.2003

Ref. 130000000142

This SDS adheres to the standards and regulatory requirements of Great Britain and may not meet the regulatory requirements in other countries.

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING****Product information**

Product name : ALKANOL® XC

Use of the Substance/Preparation : Surfactant

Company : DuPont de Nemours International S.A.  
Antwerp Distribution Center  
Wilmingtonstraat 6  
2030 Antwerpen

Telephone : +3235431211

Telefax :

Emergency telephone number : +44-(0)2871-861.313

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical name of the substance : Alkylated sodium naphthalene sulfonate

**Components**

Chemical Name	CAS-No.	EC-No.	Classification	Concentration [%]
Alkylated Sodium Naphtalene Sulphonate				85 - 90
Sodium Sulfate	7757-82-6	231-820-9		10 - 15

**3. HAZARDS IDENTIFICATION**

Harmful if swallowed.  
Irritating to eyes, respiratory system and skin.  
Dust may form explosive mixture in air.

**4. FIRST AID MEASURES**

General advice : Remove from exposure, lie down. Never give anything by mouth to an unconscious person. When symptoms persist or in all cases of doubt seek medical advice.

Inhalation : Move to fresh air. Oxygen or artificial respiration if needed. Consult a physician after significant exposure.

Skin contact : Take off contaminated clothing and shoes immediately. Wash off immediately with plenty of water. Obtain medical attention.

Eye contact : Remove contact lenses. Rinse thoroughly with plenty of water, also under the eyelids. Call a physician immediately.

Ingestion : Do not induce vomiting without medical advice. Drink plenty of water. Consult a

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physician if necessary.

**5. FIRE-FIGHTING MEASURES**

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.,
- Specific hazards during fire fighting : Dust may form explosive mixture in air.
- Special protective equipment for fire-fighters : Wear self-contained breathing apparatus and protective suit.

**6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions : Avoid contact with skin and eyes. Evacuate personnel to safe areas. Wear respiratory protection. Ensure adequate ventilation.
- Environmental precautions : Prevent product from entering drains.
- Methods for cleaning up : Sweep up and shovel into suitable containers for disposal. Avoid dust formation. After cleaning, flush away traces with water.
- Additional advice : Dispose of in accordance with local regulations.

**7. HANDLING AND STORAGE****Handling**

- Advice on safe handling : Do not breathe dust. Avoid contact with skin, eyes and clothing. Use only in well-ventilated areas.
- Advice on protection against fire and explosion : Dust may form explosive mixture in air.

**Storage**

- Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place. Store in original container.
- Advice on common storage : No materials to be specially mentioned.
- Other data : Stable under normal conditions.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Engineering measures**

Ensure adequate ventilation, especially in confined areas.

**Personal protective equipment**

- Respiratory protection : In case of insufficient ventilation wear suitable respiratory equipment.

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Hand protection : impervious gloves

Eye protection : safety glasses with side-shields goggles

Skin and body protection : impervious clothing

Hygiene measures : Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. Wash contaminated clothing before re-use.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Form : solid, powder,

Colour : tan,

Odour : mild,

pH : 7,5 - 9,0 at 10 g/l

Flash point : , Method: PMCC does not flash

Relative density : 0,41 at 25 °C

Water solubility : ca. 100 g/l at 25 °C

**10. STABILITY AND REACTIVITY**

Materials to avoid : None,

Hazardous decomposition products : Sulphur dioxide, Stable under normal conditions.,

Hazardous reactions : Burning produces obnoxious and toxic fumes.

**11. TOXICOLOGICAL INFORMATION**

Acute oral toxicity : LD50/rat : 1 115 mg/kg

Acute inhalation toxicity : ALC/4 h/rat : 0,80 mg/l

Skin irritation : Moderate skin irritation

Eye irritation : Irritating to eyes.

Sensitization : Did not cause sensitization on laboratory animals.

Human experience : Excessive exposures may affect human health, as follows:

Inhalation  
*Respiratory system:* irritation

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cough, shortness of breath, asthma

Skin contact  
irritation, discomfort, rash, swelling of tissue, redness, itching

Eye contact  
irritation, discomfort, excessive lachrymation, blurred vision

Ingestion  
*Upper respiratory tract*: inflammation

**12. ECOLOGICAL INFORMATION****Ecotoxicity effects****Further information on ecology**

Additional ecological information : no data available

**13. DISPOSAL CONSIDERATIONS**

Product : Dispose of as special waste in compliance with local and national regulations

Contaminated packaging : If recycling is not practicable, dispose of in compliance with local regulations.

**14. TRANSPORT INFORMATION**

Further Information : Not classified as dangerous in the meaning of transport regulations.

**15. REGULATORY INFORMATION****Labelling according to EEC Directive**

Symbol(s)	: Xn	Harmful
R-phrase(s)	: R22 R36/37/38	Harmful if swallowed. Irritating to eyes, respiratory system and skin.
S-phrase(s)	: S22 S26  S51 S24/25 S60	Do not breathe dust. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Use only in well ventilated areas. Avoid contact with skin and eyes. This material and/or its container must be disposed of as hazardous waste.

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**16. OTHER INFORMATION**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.