



## MATERIAL SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/PARTNERSHIP

01. Product name: **Dreumex Solu Cleaner**
02. Supplier: Dreumex B.V.
- Address: Dommelstraat 1  
Domicile: 5347 JK, Oss, The Netherlands  
Post-box: Postal box 681, 5340 AR, Oss, The Netherlands  
Phone-number: +31 (0)412-406 506  
Phone-number (emergency): +31 (0)30-2748 888  
Fax-number: +31 (0)412-406 509  
E-mail address: mail@dreumex.com  
Website: www.dreumex.com
03. Product application:  
Degreasing agent. Professional use.

### 2. HAZARDS IDENTIFICATION.

01. Most important hazard
- Harmful
- Hazard designations  
R65 May cause lung damage if swallowed.  
R66 Repeated exposure may cause skin dryness or cracking.
02. Particular hazards
- No particular hazards are known.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

This product is considered to be hazardous and contains hazardous components.

01. Ingredients declaration

In conformity with the EC-guideline this product has to be considered as a preparation.  
(91/155/EEG, 93/112/EG, 2001/58/EG)  
Ingredients declaration in accordance to the EEC Recommendation (89/542/EEC):

02. Composition

Hazardous Ingredient	Concentration	Cas-Number	EC-Number
Naphtha (petroleum), hydrodesulfurized heavy Label symbol Xn R-Phrases R65, R66	> 30%	64742-82-1	649-330-00-2
Isotridecaanol, >5-20 EO Label symbol Xn R-Phrases R22 Label symbol Xi R-Phrases R41	1 – 5%	69011-36-5	-

03. Special components (sensitizing component or preservatives)

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#### 4. FIRST AID MEASURES

Inhalation

- By irritation of the bronchial tubes, take victim in fresh air.
- Keep victim quiet in a half-sitting position.

Skin contact

- In case of skin-irritation, wash with water and soap.
- The product has a strong degreasing effect. Use a skin-caring creme when frequently used.

Contact with eyes

- The product is very irritating for the eyes. Flush with lukewarm water. The eyelids have to be apart from the eye-ball for a good rinse.

Ingestion

- Rinse mouth with water. Do NOT induce vomiting.

Consult a doctor

- When irritation persists or one does not feel well get medical aid. If possible show him this label.

#### 5. FIRE FIGHTING MEASURES

Flammability of the product.

- The product is flammable.

Permitted extinguish method and fire-extinguisher.

- Keep product cool by spraying with water when exposed to fire.
- Never spray with water-jet in liquid.
- Waterspray
- Powder
- Foam (alcohol and keton-steady foam)
- A.F.F.F.
- Carbon dioxide (carbonic acid).

Special hazards in case of fire.

- Vapour and/or air-mixtures can be explosive.

## **6. ACCIDENTAL RELEASE MEASURES**

Personal precautions.

- Danger of slipping. Immediately clean up spoiled product.
- Concerning personal protection see under Heading 8.

Environmental precautions.

- Avoid penetration in waste water, sewerage, wells or basements.

Leak and spill procedures.

- Absorb with liquid-binding material (sand, sawdust, absorptiongrains).
- The wearing of a compressed air-mask is necessary when there is not enough ventilation.

## **7. HANDLING AND STORAGE**

Handling

- Smoke and/or open fire in direct environment is forbidden.
- Take measures against inspiring static electricity.
- Avoid contact with skin and clothing.

Storage.

- Store these products in a cool place (<50 °C).
- Avoid direct sunlight.
- Keep products definite apart from oxidizing material.
- Always store in a tightly-closed packing.
- Store products in a well-ventilated area.
- Store products as fire-hazardous in an area which meets all storing-requirements of flammable goods (K3).

Particular requirements.

- Empty, not-cleaned packing has a fire-stimulating effect.
- Deventilate empty packaging in a spark- and firefree area.

Further information.

## **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

General measures.

- Observe for the dosage and handling of this product the directions of use.

Protection of body and skin.

- The normal measures of precaution when using the detergents have to be observed.

Protective equipment.

- Wear chemical-protecting clothing which is solvent-steady
- Unsuitable are natural- and synthetic rubber kinds.

Respiratory protection.

- Wearing breath-protection by means of compressed air is necessary in bad ventilated areas.
- Do not inhale vapours and/or aerosols of the product – may cause dizziness.

Hand protection.

- Wearing solvent safety gloves is advised.

Eye protection.

- Wear safety glasses with side guards.

Prevention of swallowing.

- Do not eat or smoke while working with these chemicals.

Marginal value exposure.

- Not established.

## 9. PHYSICAL AN CHEMICAL PROPERTIES

### 01. Physical and chemical properties

Appearance:	Liquid
Colour:	Orange-Red
Odour:	Aromatic
Solubility in water:	Mixable
Specific mass (kg/l):	0,810
Boiling point / Boiling way:	176°C
Melting point / Melting way:	n.a.

### 02. Particular properties

pH-value:	n.a.
Flash Point:	>62°C (ASTM D93)

## 10. STABILITY AND REACTIVITY

### Stability

- Stable under normal conditions.

### Conditions to avoid

- Avoid heat, sparks, open flame, oxidizing conditions

### Materials to avoid

- Oxidizing agent

### Hazardous decomposition products

- By burning possible formation of : Carbon monoxide

## 11. TOXICOLOGICAL INFORMATION

### Effects by ingestion

- Harmful : may cause lung damage if swallowed.

### Effects on skin contact

- Repeated exposure may cause skin dryness or cracking.

### Effects on inhalation

- Not expected to be an irritant.

### Effects on eye contact

- Slight eye irritant.

## 12. ECOLOGICAL INFORMATION

- The product is biological degradable

### 01. Wassergefährdungsklasse (WGK) (Germany)

Wassergefährdungsklasse 1

### 02. Water hazard class 11

Sanitizing effort B

### 13. DISPOSAL CONSIDERATIONS

General.

- See heading 6.

Product.

- In case of spoil or leak regain and/or recycle the product.

- If not possible whether or not absorb with absorption material and remove to an authorised waste processor as chemical waste.

Packaging.

- Washed packing can be handled like normal waste.

- Residues can give danger of explosion; do not perforate, cut and/or weld used barrels.

- After making empty deventilate the barrels in a spark- and fire-free place.

National and/or European legislation.

- Remainders of this product and not-washed packing are chemical waste according the directives

2001/118/EC, 2001/119/EC and 2001/573/EC.

Waste code.

- No waste code according european guideline

### 14. TRANSPORT INFORMATION

General information

- Not regulated.

### 15. REGULATORY INFORMATION

**EC Labelling** : Classification and labelling following EC directives 67/548/EEC and 1999/45/EC and their adaptations to technical progress

01. Label symbol  
Xn Harmful

Contains : Naphtha (petroleum), hydrodesulfurized heavy

02. Risk phrases (R)

R65 Harmful : may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

03. Safety phrases (S)

S23 Do not breathe the gas, fumes, vapours, spray.

S24 Avoid contact with skin.

S62 If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.



## 16. REMAINING INFORMATION

R-phrases description 100%.

- R22 Harmful if swallowed.
- R41 Risk of serious damage to eyes.
- R65 Harmful : may cause lung damage if swallowed.
- R66 Repeated exposure may cause skin dryness or cracking

The information in this MSDS concerns the product mentioned in heading 1 and is given on the assumption that the product will be used in a way and for purposes indicated by the manufacturer. The information above is believed to be accurate and represents the best information currently available to us. Users should make their own investigations to determine the suitability of the information for their particular purposes. It is recommendable to pass the information from this MSDS, if necessary adjusted, to personnel/ party concerned.

In accordance with: REACH Regulation EG 1907/2006.  
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