



MATERIAL SAFETY DATA SHEET

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

01. Product name: **Dreumex Industrial 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: General industrial cleaner. Professional use.

2. HAZARDS IDENTIFICATION.

01. Most important hazard
- Hazard designations
R36 Irritating to eyes.
02. Particular hazards
- No particular hazards are known.

3. COMPOSITION / INFORMATION ON INGREDIENTS

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):

Composition	Percentage
Anionic surface-active materials	< 5%
Non-ionic surface-active materials	< 5%
Phosphates	> 5% - < 15%

02. Composition

Hazardous Ingredient	Concentration	Cas-Number	EC-Number
2-Aminoethanol Label symbol C R-Phrases R20/21/22,R34	1,0 - 5,0%	141-43-5	205-483-3
Tetra potassium pyrophosphate Label symbol Xi R-Phrases R36	5,0 - 10,0%	7320-34-5	230-785-7
Sodiumalkyl (C10-C13) benzenesulfonate Label symbol Xn R-Phrases R22,R38,R41	1,0 - 5,0%	68411-30-3	270-115-0
Alcohol(C13)EO(2-5) Label symbol Xn R-phrases R22,R38,R41	1,0 - 5,0%	69011-36-5a	polymer

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.

Skin contact

- By contingent irritation of the skin rinse with water.

Contact with eyes

- The product is 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. Let victim drink a lot of water, do not induce vomiting.

Consult a doctor

- When irritation does persist or one feels unwell seek medical advice and, if possible, show this label.

Advice for doctor

- No particulars.

5. FIRE FIGHTING MEASURES

Flammability of the product.

- Product is not flammable.

Permitted extinguish method and fire-extinguisher.

- Waterspray

- Powder

- Foam

- A.F.F.F.

- Carbon dioxide

Special hazards in case of fire.

- None



6. ACCIDENTAL RELEASE MEASURES

Personal precautions.

- Danger of slipping. Immediately clean up spoiled product.

Concerning personal protection see under Heading 8.

Environmental precautions.

- Avoid the product from ending up in the surface- and/or ground water.

Leak and spill procedures.

- Rinse spoiled product with plenty of water in the sewer.

7. HANDLING AND STORAGE

Handling

- Avoid contact with skin and clothes.
- For this product there are no particular measures required.

Storage.

- Keep products tightly closed and dry.

Particular requirements.

- None.

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 safety clothes.

Respiratory protection.

- Under normal circumstances breath-protection is not required.

Hand protection.

- Wearing protective gloves is necessary when someone is allergic to detergents.

Eye protection.

- Wearing protective eyeglasses is recommended.

Prevention of swallowing.

- Do not eat or smoke during working with the product.

Marginal value exposure.

- For this product there are no exposed marginal values established.

Components with marginal values which concerning the workplace have to be complied with.

Name of the product	Mac ceiling val	MAC TGG 8	MAC-TGG 15
2-Aminoethanol		2,5 mg/m ³	7,6 mg/m ³ *
(*) Smooth skin absorption.			

9. PHYSICAL AND CHEMICAL PROPERTIES

01. Physical and chemical properties

Appearance:	Liquid
Colour:	Product is coloured.
Odour:	No perfume is used. Characteristic smell
Solubility in water:	Readily soluble.
Specific mass (kg/l):	1,065
Boiling point / Boiling way:	> 100°C
Melting point / Melting way:	< 0°C

02. Particular properties

pH-value:	11.2 - 11,4
Ignition-point:	N.A.
Analysis temperature:	N.A.
Explosive:	N.A.

10. STABILITY AND REACTIVITY

Stability.

- Under normal circumstances the product is stable.

Conditions to avoid.

- See heading 7.

To avoid substances.

- Do not mix the product with other detergents.

Hazardous decomposition products.

- No data available.

11. TOXICOLOGICAL INFORMATION

Acute toxicity.

- No toxicological data available.

Remaining toxicological information.

- No toxicological data available.

Further information.

- No toxicological data available.

12. ECOLOGICAL INFORMATION

The biodegradability of the used surface active materials in this product comply with the detergents Directive (EC 648/2004).

13. DISPOSAL CONSIDERATIONS

General.

- See heading 6.
- There is no uniform EC regulation for the disposal of chemicals or waste products and the packaging thereof. Chemical waste can normally be seen as special waste. The disposal of this type of waste must comply with the local regulations. We advise u to contact the competent authorities in your region for matters of this kind.

Product.

- Wash low remainders with plenty of water.

Packaging.

- Washed packing can be handled like normal waste.

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.

- 06 01 99 or 06 02 99: not otherwise specified waste, dependant of the pH-value.

14. TRANSPORT INFORMATION

01. Land transport

ADR Class / Packing group

Packing group :

- It is a not regulated product within transport regulations.

15. REGULATORY INFORMATION

01. Label symbol

Xi Irritating

02. Risk phrases (R)

R36 Irritating to eyes.

03. Safety phrases (S)

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Contains: -



16. REMAINING INFORMATION

R-phrases description 100%.

R20/21/22	Harmful by inhalation, in contact with the skin and if swallowed.
R34	Causes burns.
R36	Irritating to eyes.
R22	Harmful if swallowed.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.

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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