

**MATERIAL SAFETY DATA SHEET****Date Issued: 19.07.2007**
Page 1 of 4**1. PRODUCT AND COMPANY IDENTIFICATION**

Product Name : DRAIN EX
Function : POWDERED DRAIN CLEANER
Product Code : D001
Contact Person : P. GUEST
Prepared by : P. GUEST
Emergency Number : 083 250 4475
Company Telephone No. : 043-7436802

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Range	Hazard	Toxicity
Sodium hydroxide	>30%	Very Corrosive	LD50 = 0,2 – 2g/kg
Anionic surfactants	< 5%		

3. HAZARDS IDENTIFICATION : Very Corrosive**4. FIRST AID MEASURES**

Eyes: RINSE IMMEDIATELY WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST TEN MINUTES, HOLDING THE EYELIDS OPEN AND OBTAIN IMMEDIATE MEDICAL ATTENTION.

Skin: Obtain immediate medical attention. Flush the contaminated area with running water, remove contaminated clothing and wash before re-use.

Inhalation: REMOVE FROM SOURCE OF EXPOSURE. SEEK MEDICAL ATTENTION.

Ingestion: REMOVE PRODUCT FROM MOUTH, GIVE WATER OR MILK TO DRINK AND OBTAIN MEDICAL ATTENTION.

All information is given in good faith but without guarantee in respect of accuracy & no responsibility is accepted for errors or omissions or the consequences thereof.

5. FIRE FIGHTING MEASURES

- Eyes** : RINSE IMMEDIATELY WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST TEN MINUTES, HOLDING THE EYELIDS OPEN AND OBTAIN IMMEDIATE MEDICAL ATTENTION.
- Skin** : Obtain immediate medical attention. Flush the contaminated area with running water, remove contaminated clothing and wash before re-use.
- Inhalation** : REMOVE FROM SOURCE OF EXPOSURE. SEEK MEDICAL ATTENTION.
- Ingestion** : REMOVE PRODUCT FROM MOUTH, GIVE WATER OR MILK TO DRINK AND OBTAIN MEDICAL ATTENTION.
- Flammability** : Not flammable.
- Extinguishing media** : In the event of a fire due to other causes the product is compatible with water, foam, carbon dioxide or dry powder extinguishers.

6. ACCIDENTAL RELEASE MEASURES

- Protection of Personnel** : Wear suitable gloves and eye/face protection. Method of Disposal: Observe local legislation. Absorb large spillages with inert material (e.g. sand) and collect into suitable, labeled containers for disposal at an approved site. Wash residues and small spillages Environmental
- Precautions** : Do not contaminate land, or any ground or surface waters.
- Specific Hazards** : Caution, spillages may be slippery. away to drain with water.

7. HANDLING AND STORAGE

- Handling** : Avoid contact with skin and eyes. Wear suitable protective clothing, gloves and eye/face protection. Always add the product to water (not vice versa).
- Storage** : Store in original containers in a cool, dry place. Avoid extremes of temperature.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Eyes** : When handling neat product or concentrated solutions wear eye/face protection.
- Hand** : Use gloves resistant to alkalis.
- Skin** : Wear protective overalls resistant to alkalis.
Respiration: Respiratory protection is normally only required in the event of a spillage or during product disposal.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance** : Dark brown Liquid
- % A.D.** : Relative Density @ 20°C: 1,48 typical
- pH (as is)** : >14

10. STABILITY AND REACTIVITY

Avoid extremes of temperature. Keep away from acids.

11. TOXICOLOGICAL INFORMATION

- Eyes** : Corrosive – causes severe burns or permanent damage.
- Skin** : Causes severe burns.
- Inhalation** : Severe irritant, may cause pulmonary edema.
- Ingestion** : Causes severe burns.

12. ECOLOGICAL INFORMATION

The anionic surfactants are more than 90% biodegradable.
The only potential hazard is from the alkalinity of the product.

13. DISPOSAL CONSIDERATIONS

For larger quantities contact a licensed waste management company. Observe relevant legislation.

14. TRANSPORT INFORMATION

UN Class 8 group 2. UN

15. REGULATORY INFORMATION

Hazard Symbol	:	C; Corrosive
Risk Phrases	:	R35 : Causes severe burns.
Safety Phrases	:	S26 : In case of contact with eyes, rinse immediately with plenty of water, and seek medical advice. S28 : After contact with skin wash immediately with plenty of water.
S36/37/39	:	Wear suitable protective clothing, gloves and eye/face protection.
S45	:	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

16. OTHER INFORMATION

Handle and apply only as recommended.

The information contained in this safety data sheet is based on the present state of knowledge and current national legislation.

It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

As the specific conditions of use are outside the supplier's control, the user is responsible for ensuring that the requirements of the relevant legislation are complied with.

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