

MSR 30

745



C : Corrosive



8 : Corrosive substance.

Producer

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

Trade name : MSR 30
Use : See product bulletin for detailed information. Industrial.
Company identification : See distributor.
Type of product : Acidic cleaner.
Identification of the product : Liquid.

2. HAZARDS IDENTIFICATION

Risk Phrases : R35 : Causes severe burns.
Primary route of exposure : Skin and eyes contact.
Symptoms relating to use

- Inhalation : Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
- Skin contact : Not expected to present a significant skin hazard under anticipated conditions of normal use. Causes burns.
- Eye contact : Redness, pain. Blurred vision. Risk of serious damage to eyes.
- Ingestion : Ingestion unlikely. Sore throat. May cause irritation of the linings of the mouth, throat, and gastrointestinal tract.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance name	Contents	CAS No	EC No	Index No	Classification
Nitric acid	: 15 - 30 %	7697-37-2	231-714-2	007-004-00-1	----- O; R8 C; R35
Phosphoric acid	: 15 - 30 %	7664-38-2	231-633-2	015-011-00-6	----- C; R34

4. FIRST AID MEASURES

First aid

- Inhalation : Assure fresh air breathing. Allow the victim to rest. Obtain medical attention if breathing difficulty persists.
- Skin contact : Remove contaminated clothing and shoes. Flush with plenty of water. Seek medical attention if ill effect or irritation develops.

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4. FIRST AID MEASURES (continued)

- Eye contact : Rinse immediately with plenty of water. Seek medical attention immediately.
- Ingestion : Rinse mouth. Do not induce vomiting because of corrosive effects. If swallowed, seek medical advice immediately and show this container or label.

5. FIRE-FIGHTING MEASURES

- Flammable class** : Not combustible.
- Extinguishing media** : Dry chemical. Foam. Water spray. Carbon dioxide.
- Not to be used : Do not use a heavy water stream.
- Surrounding fires** : Use water spray or fog for cooling exposed containers.
- Protection against fire** : Do not enter fire area without proper protective equipment, including respiratory protection.
- Special procedures** : Exercise caution when fighting any chemical fire.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Spill should be handled by trained cleaning personnel properly equipped with respiratory and eye protection. Wear suitable protective clothing and gloves.
- Environmental precautions** : Prevent entry to sewers and public waters.
Notify authorities if liquid enters sewers or public waters.
- After spillage and/or leakage** : Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers. Dilute residues and flush.

7. HANDLING AND STORAGE

- General** : Avoid all unnecessary exposure.
- Storage** : Protect from freezing. Keep at temperature not exceeding 35°C Keep container closed when not in use.
- Handling** : Handle in accordance with good industrial hygiene and safety procedures. Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protection



- Respiratory protection : No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.
- Hand protection : Wear suitable gloves resistant to chemical penetration.
- Skin protection : If skin contact or contamination of clothing is likely, protective clothing should be worn.
- Eye protection : Eye protection should only be necessary where liquid could be splashed or sprayed.
- Ingestion : Ingestion unlikely.
- Industrial hygiene** : Local exhaust and general ventilation must be adequate to meet exposure standards.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state : Liquid.
Colour : Yellow.
Odour : Characteristic.
pH value : ca 1.5 (1%)
Density : ca 1.280
Solubility in water : Complete.

10. STABILITY AND REACTIVITY

Hazardous decomposition products : None under normal conditions.
Hazardous properties : None under normal conditions.
Materials to avoid : Avoid contact with : Strong alkalis.

11. TOXICOLOGICAL INFORMATION

Rat oral LD50 [mg/kg] : >2000

12. ECOLOGICAL INFORMATION

LC50-96 Hour - fish [mg/l] : No data available.
48 H-LC50 - Daphnia magna [mg/l] : No data available.

13. DISPOSAL CONSIDERATIONS

Disposal : Dispose in a safe manner in accordance with local/national regulations.

14. TRANSPORT INFORMATION

Hazard Label(s)



Proper shipping name : C: Corrosive.
 : UN 3264 CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S., 8, III
UN No. : 3264
H.I. nr : : 80
ADR/RID : Class : 8
 : Group : III

15. REGULATORY INFORMATION

Symbol(s) : C: Corrosive.
R Phrase(s) : R35 : Causes severe burns.
S Phrase(s) : S24 : Avoid contact with skin.
 : 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 water
 : S35 : This material and its container must be disposed of in a safe way.

MSR 30**745****15. REGULATORY INFORMATION (continued)**

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 when possible).

16. OTHER INFORMATION

Further information : None.
List of relevant symbols (heading 3) : C: Corrosive.
O : Oxidizing
List of relevant R phrases (heading 3) : R8 : Contact with combustible material may cause fire.
R34 : Causes burns.
R35 : Causes severe burns.

The contents and format of this SDS are in accordance with EEC Commission "REACH" Regulation, EC 1907/2006

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