

SAFETY DATA SHEET

D327

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Issued: 01/08/2008

Revision No: 2

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

Product name: D327

Product code: 327

Use of substance / preparation: 327 : An industrial high foam alkali detergent and sanitiser. D327 produces a dense foam that clings to vertical surfaces.

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2. HAZARDS IDENTIFICATION

Main hazards: Causes burns.

Other hazards: Contact with acids liberates very toxic gas.

3. COMPOSITION / INFORMATION ON INGREDIENTS

- Hazardous ingredients:** SODIUM HYDROXIDE 1-10%
EINECS: 215-185-5 CAS: 1310-73-2
[C] R35
- SODIUM HYPOCHLORITE SOLUTION CL ACTIVE 1-10%
EINECS: 231-668-3 CAS: 7681-52-9
[-] R31; [C] R34; [N] R50
 - /-COCODIMETHYLAMINE OXIDE 1-10%

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and pain.

Ingestion: Corrosive burns may appear around the lips.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

4. FIRST AID MEASURES (ACTION)

Skin contact: Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin. Transfer to hospital if there are burns or symptoms of poisoning.

[cont...]

Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

Ingestion: Do not induce vomiting. Wash out mouth with water. If conscious, give half a litre of water to drink immediately. Transfer to hospital as soon as possible.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Water. Water spray. Carbon dioxide. Dry chemical powder.

Exposure hazards: Corrosive.

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of SDS for personal protection details.

Environmental precautions: Do not discharge into drains or rivers.

Clean-up procedures: Absorb into dry earth or sand.

7. HANDLING AND STORAGE

Handling requirements: Avoid direct contact with the substance.

Storage conditions: Store in cool, well ventilated area.

Suitable packaging: Teflon. Polyethylene.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredients: SODIUM HYDROXIDE
WEL (15 min STEL): 2 mg/m³

Engineering measures: Ensure all engineering measures mentioned in section 7 of SDS are in place.

Respiratory protection: Respiratory protection not required.

Hand protection: Gloves (alkali-resistant). Breakthrough time of the glove material < 1 hour.

Eye protection: Safety glasses with side-shields.

Skin protection: Alkali resistant protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Yellow

Odour: Characteristic odour

Evaporation rate: Moderate

Solubility in water: Soluble

Viscosity: Viscous

Relative density: 1.088 - 1.095

pH: 12.5 1% solution

VOC g/l: 0

10. STABILITY AND REACTIVITY

Conditions to avoid: Direct sunlight.

Materials to avoid: Acids.

Haz. decomp. products: In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

Hazardous ingredients: SODIUM HYDROXIDE

IPR MUS LD50 40 mg/kg

ORL RBT LDLO 500 mg/kg

- SODIUM HYPOCHLORITE SOLUTION...100% CL ACTIVE

ORL MUS LD50 5800 mg/kg

12. ECOLOGICAL INFORMATION

Mobility: Soluble in water.

Persistence and degradability: Biodegradable.

Bioaccumulative potential: No bioaccumulation potential.

13. DISPOSAL CONSIDERATIONS

Disposal of packaging: Dispose of as normal industrial waste.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION**ADR / RID**

UN no: 1719

ADR Class: 8

Packing group: II

Classification code: C5

Shipping name: CAUSTIC ALKALI LIQUID, N.O.S. (SODIUM HYDROXIDE 4.4%)

Labelling: 8

Hazard ID no: 80

**IMDG / IMO**

UN no: 1719

Class: 8

Packing group: II

EmS: F-A,S-B

Marine pollutant: .

Labelling: 8

IATA / ICAO

UN no: 1719 **Class:** 8
Packing group: II
Packing instructions: 809(P&CA); 813(CAO)
Labelling: 8

15. REGULATORY INFORMATION

Hazard symbols: Corrosive.



Risk phrases: R34: Causes burns.

Safety phrases: S2: Keep out of the reach of children.

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

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).

Precautionary phrases: Warning! Do not use together with other products. May release dangerous gases (chlorine).
Use biocides safely. Always read the label and product information before use.

Seveso II guideline: No

Water hazard class: 1 Classification by VwVwS

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Risk phrases used in s.3: R35: Causes severe burns.
R31: Contact with acids liberates toxic gas.
R34: Causes burns.
R50: Very toxic to aquatic organisms.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.