

SAFETY DATA SHEET

DISHI

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Issued: 01/08/2010

Revision No: 3

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

Product name: DISHI (Premium)

Product code: 314

Use of substance / preparation: 314: Machine dishwash liquid

Company name: Clover Chemicals Ltd

Clover House

Macclesfield Road

Whaley Bridge, High Peak

Derbyshire

SK23 7DQ

UK

Tel: +44 (0) 1663 733114

Fax: +44 (0) 1663 733115

Email: technical@cloverchemicals.com

2. HAZARDS IDENTIFICATION

Main hazards: Causes severe burns.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: SODIUM HYDROXIDE 10-30%

EINECS: 215-185-5 CAS: 1310-73-2

[C] R35

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: Irritation or pain may occur at the site of contact. Progressive ulceration will occur if treatment is not immediate.

Eye contact: There may be irritation and pain. The vision may become blurred. Corneal burns may occur.

Ingestion: There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Corrosive burns may appear around the lips.

4. FIRST AID MEASURES (ACTION)

Skin contact: Wash immediately with plenty of soap and water. Transfer to hospital if there are burns or symptoms of poisoning.

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.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Water spray. Water.

Exposure hazards: Corrosive. In combustion emits toxic fumes.

[cont...]

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

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. Contain the spillage using bunding.

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

7. HANDLING AND STORAGE

Storage conditions: Keep container tightly closed.

Suitable packaging: Polyethylene.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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

Hand protection: Gloves (alkali-resistant). Impermeable gloves.

Eye protection: Safety glasses.

Skin protection: Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Yellow

Odour: Characteristic odour

Evaporation rate: Moderate

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Soluble

Viscosity: Non-viscous

Relative density: 1.158

pH: 13.5

VOC g/l: 0

10. STABILITY AND REACTIVITY

Materials to avoid: Strong oxidising agents.

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide. In combustion emits toxic fumes of nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

Hazardous ingredients: SODIUM HYDROXIDE
IPR MUS LD50 40 mg/kg
ORL RBT LDLO 500 mg/kg

12. ECOLOGICAL INFORMATION**Mobility:** Soluble in water.**Persistence and degradability:** Biodegradable. The surfactants contained in this preparation comply with the biodegradability criteria as laid down in regulation (EC) No.648/2004 on detergents.**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:	1760	ADR Class:	8
Packing group:	II	Classification code:	C9
Shipping name:	CORROSIVE LIQUID, N.O.S. (SODIUM HYDROXIDE (12%))		
Labelling:	8	Hazard ID no:	80

**IMDG / IMO**

Class:	8	Packing group:	II
EmS:	F-A,S-B	Marine pollutant:	.
Labelling:	8		

IATA / ICAO

UN no:	1760	Class:	8
Packing group:	II		
Packing instructions:	808(P&CA); 812(CAO)		
Labelling:	8		

15. REGULATORY INFORMATION**Hazard symbols:** 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

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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).

S2: Keep out of the reach of children.

Haz. ingredients (label): SODIUM HYDROXIDE

Seveso II guideline: No

Water hazard class: 1 Classification by VwVwS

Air emission directive: Amount m%: 0

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

Other information: This safety data sheet is prepared in accordance with Regulation (EC) No 1907/2006.

Risk phrases used in s.3: R35: Causes severe burns.

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.