

## SAFETY DATA SHEET

DISHI

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Issued: 18/03/2005

Revision No: 1

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

**Product name:** DISHI

**Product code:** 314

**Use / description of product:** 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

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### 2. COMPOSITION / INFORMATION ON INGREDIENTS

**Hazardous ingredients:** SODIUM HYDROXIDE 1-10%

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

[C] R35

- /-TRISODIUM NITRILOTRIACETATE 10-30%

EINECS: 225-768-6 CAS: 5064-31-3

[Xn] R22; [Xi] R36

### 3. HAZARDS IDENTIFICATION

**Main hazards:** Causes severe burns.

### 4. FIRST AID MEASURES (SYMPTOMS)

**Skin contact:** Irritation or pain may occur at the site of contact.

**Eye contact:** There may be irritation and pain.

**Ingestion:** There may be soreness and redness of the mouth and throat.

### 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.

**Exposure hazards:** Corrosive.

[cont...]

**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.

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

## 7. HANDLING AND STORAGE

**Storage conditions:** Keep container tightly closed.

**Suitable packaging:** Polyethylene.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Hazardous ingredients:** SODIUM HYDROXIDE  
WEL (8 hr exposure limit): 2 mg/m<sup>3</sup> WEL (15 min exposure limit): 2 mg/m<sup>3</sup>

**Hand protection:** Gloves (alkali-resistant).

**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

## 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.**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**

<b>UN no:</b>	1719	<b>ADR Class:</b>	8
<b>Packing group:</b>	II	<b>Classification code:</b>	C5
<b>Shipping name:</b>	CAUSTIC ALKALI LIQUID, N.O.S. (K13 SODIUM HYDROXIDE 10%)		
<b>Labelling:</b>	8	<b>Hazard ID no:</b>	80

**IMDG / IMO**

<b>UN no:</b>	1719	<b>Class:</b>	8
<b>Packing group:</b>	II	<b>EmS:</b>	F-A,S-B
<b>Marine pollutant:</b>	.	<b>Labelling:</b>	8

**IATA / ICAO**

<b>UN no:</b>	1719	<b>Class:</b>	8
<b>Packing group:</b>	II	<b>Packing instructions:</b>	809(P&CA); 813(CAO)
<b>Labelling:</b>	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 advice.

S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.

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S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

**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.2:** R35: Causes severe burns.

R22: Harmful if swallowed.

R36: Irritating to eyes.

**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.