

## SAFETY DATA SHEET

UB90

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Issued: 01/08/2008

Revision No: 2

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

**Product name:** UB90

**Product code:** 999

**Use of substance / preparation:** 999 A super concentrated stripper that effectively removes acrylic floor polish without the need for neutralisation.

**Company name:** Clover Chemicals Ltd  
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Macclesfield Road  
Whaley Bridge, High Peak  
Derbyshire  
SK23 7DQ  
UK  
Tel: +44 (0) 1663 733114  
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Email: technical@cloverchemicals.com

### 2. HAZARDS IDENTIFICATION

**Main hazards:** Harmful by inhalation, in contact with skin and if swallowed. Causes burns.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

- Hazardous ingredients:** 2-AMINOETHANOL 30-50%  
EINECS: 205-483-3 CAS: 141-43-5  
[Xn] R20/21/22; [C] R34
- (C12 - C18)PARETH(2 -18) 1-10%  
CAS: 24938-91-8  
[Xn] R22; [Xi] R41
  - SODIUM ALKYLAMINE CARBOXYLATE 30 % 10-30%  
[Xi] R36
  - (C9-C18)PARETH(2-18). 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 redness. The eyes may water profusely.

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

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

### 4. FIRST AID MEASURES (ACTION)

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

[cont...]

**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** Wash out mouth with water. Consult a doctor.

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

## 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used.

**Exposure hazards:** In combustion emits toxic fumes.

**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. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not create dust.

**Environmental precautions:** Do not discharge into drains or rivers.

**Clean-up procedures:** Transfer to a closable, labelled salvage container for disposal by an appropriate method.

## 7. HANDLING AND STORAGE

**Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of dust in the air.

**Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed.

**Suitable packaging:** Stainless steel. Teflon. Glass. Polyethylene.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Hazardous ingredients:** 2-AMINOETHANOL  
WEL (8 hr TWA): 7.6 mg/m<sup>3</sup> WEL (15 min STEL): 15 mg/m<sup>3</sup>

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency. Respiratory protective device with particle filter.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**State:** Liquid

**Colour:** Pale yellow

**Odour:** Characteristic odour

**Evaporation rate:** Moderate

**Oxidising:** Non-oxidising (by EC criteria)

[cont...]

**Solubility in water:** Soluble  
**Viscosity:** Non-viscous  
**Relative density:** 1.0 - 1.05  
**pH:** 1%= 11.4  
**VOC g/l:** 400

## 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions.  
**Conditions to avoid:** Heat.  
**Materials to avoid:** Strong oxidising agents. Strong acids.  
**Haz. decomp. products:** In combustion emits toxic fumes.

## 11. TOXICOLOGICAL INFORMATION

**Hazardous ingredients:** 2-AMINOETHANOL  
IVN RAT LD50 225 mg/kg  
ORL MUS LD50 700 mg/kg  
ORL RAT LD50 1720 mg/kg  
SCU RAT LD50 1500 mg/kg  
**Routes of exposure:** Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

## 12. ECOLOGICAL INFORMATION

**Hazardous ingredients:** (C9-C18)PARETH(2-18).  
DAPHNIA 72H IC50 >11.8 mg/l  
**Persistence and degradability:** Biodegradable.  
**Bioaccumulative potential:** No bioaccumulation potential.  
**Other adverse effects:** Negligible ecotoxicity.

## 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> III	<b>Classification code:</b> C5
<b>Shipping name:</b> CAUSTIC ALKALI LIQUID, N.O.S. (2-AMINOETHANOL(40%))	
<b>Labelling:</b> 8	<b>Hazard ID no:</b> 80



[cont...]

**IMDG / IMO**

**UN no:** 1719 **Class:** 8  
**Packing group:** III **EmS:** F-A,S-B  
**Marine pollutant:** .  
**Labelling:** 8

**IATA / ICAO**

**UN no:** 1719 **Class:** 8  
**Packing group:** III  
**Packing instructions:** 819(P&CA); 813(CAO)  
**Labelling:** 8

**15. REGULATORY INFORMATION**

**Hazard symbols:** Corrosive.



**Risk phrases:** R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.  
R34: Causes 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.  
S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

**Precautionary phrases:** Contains limonene ( citrus dulcis ). May produce an allergic reaction.

**Seveso II guideline:** No

**Water hazard class:** 1 Classification by VwVwS

**Air emission directive:** Class: III Item no: 5.2.5 Amount m%: 40

**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:** R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.  
R34: Causes burns.  
R22: Harmful if swallowed.  
R41: Risk of serious damage to eyes.  
R36: Irritating to eyes.

[cont...]

## SAFETY DATA SHEET

UB90

**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.