

## SAFETY DATA SHEET

UB50

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Issued: 01/08/2010

Revision No: 3

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

**Product name:** UB50

**Product code:** 995

**Use of substance / preparation:** 995 : A super concentrated multi-surface cleaner for water washable floors, furniture and equipment. Leaves a fresh fragrance.

**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:** Risk of serious damage to eyes.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

- Hazardous ingredients:** C 12/15 A, 3-12 EO MULTIBRANCHED (DID 27) 5-10%  
EINECS: POLYMER CAS: 9043-30-5  
[Xn] R22; [Xi] R41
- C9/11 A, >3-6 EO PREDOMINANTLY LINEAR (DID 21) 2-5%  
EINECS: POLYMER CAS: 160875-66-1  
[Xi] R41
  - AMPHOTERIC SURFACTANT 2-5%  
EINECS: )  
[Xi] R36
  - C9/11 A,5-11 EO MULTIBRANCHED(DID 23) 2-5%  
EINECS: POLYMER CAS: 127036-24-2  
[Xi] R41
  - LIMONENE ( CITRUS DULCIS ) <1%  
EINECS: 232-433-8 CAS: 8028-48-6  
[-] R10; [Xn] R65; [Xi] R38; [Sens.] R43; [N] R50/53; [Xn] R65

### 4. FIRST AID MEASURES (SYMPTOMS)

**Skin contact:** There may be mild irritation at the site of contact.

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

[cont...]

**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.

**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. Transfer to hospital as soon as possible.

#### 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** Water.

**Exposure hazards:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

**Protection of fire-fighters:** Wear self-contained breathing apparatus.

#### 6. ACCIDENTAL RELEASE MEASURES

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

**Environmental precautions:** Contain the spillage using bunding.

**Clean-up procedures:** Transfer to a suitable container.

#### 7. HANDLING AND STORAGE

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

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Eye protection:** Safety glasses.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

**State:** Liquid

**Colour:** Yellow

**Odour:** Pleasant

**Evaporation rate:** Moderate

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

**Solubility in water:** Soluble

**Viscosity:** Non-viscous

**Boiling point/range°C:** 100

**Melting point/range°C:** 0

**Relative density:** 1.05

**pH:** 1% = 11.25

**VOC g/l:** 9.9

#### 10. STABILITY AND REACTIVITY

**Materials to avoid:** Strong oxidising agents.

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

**11. TOXICOLOGICAL INFORMATION**

- Hazardous ingredients:** C 12/15 A, 3-12 EO MULTIBRANCHED (DID 27)  
ORL RAT LD50 1.5 g/kg
- C9/11 A, >3-6 EO PREDOMINANTLY LINEAR (DID 21)  
ORL RAT LD50 >2000 mg/kg
  - C9/11 A,5-11 EO MULTIBRANCHED(DID 23)  
ORL RAT LD50 1400 mg/kg

**12. ECOLOGICAL INFORMATION**

- Hazardous ingredients:** C 12/15 A, 3-12 EO MULTIBRANCHED (DID 27)  
FISH 96H LC50 >1 mg/l
- C9/11 A, >3-6 EO PREDOMINANTLY LINEAR (DID 21)  
ALGAE Scenedesmus 48H EC50 10 - 100 mg/l
  - C9/11 A,5-11 EO MULTIBRANCHED(DID 23)  
FISH 96H LC50 >11.8 mg/l

**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:** Not Classified.

**IMDG / IMO**

**UN no:** Not Classified.

**IATA / ICAO**

**UN no:** Not Classified.

**15. REGULATORY INFORMATION**

**Hazard symbols:** Irritant.



**SAFETY DATA SHEET**

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**Risk phrases:** R41: Risk of serious damage to eyes.

**Safety phrases:** S25: Avoid contact with eyes.

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

S2: Keep out of the reach of children.

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

**Haz. ingredients (label):** LIMONENE ( CITRUS DULCIS ); C 12/15 A, 3-12 EO MULTIBRANCHED (DID 27); C9/11 A, >3-6 EO PREDOMINANTLY LINEAR (DID 21)

**Seveso II guideline:** No

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

**Air emission directive:** Amount m%: 0.99

**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:** R22: Harmful if swallowed.

R41: Risk of serious damage to eyes.

R36: Irritating to eyes.

R10: Flammable.

R65: Harmful: may cause lung damage if swallowed.

R38: Irritating to skin.

R43: May cause sensitisation by skin contact.

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**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.

