

## SAFETY DATA SHEET

ACID WASH 80

Page 1

Issued: 01/08/2008

Revision No: 3

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

**Product name:** ACID WASH 80

**Product code:** 502

**Use of substance / preparation:** 502 : A highly concentrated professional use toilet and urinal descaler not suitable for use on stainless steel.

**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:** Irritating to eyes, respiratory system and skin.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Hazardous ingredients:** HYDROCHLORIC ACID 10-30%  
EINECS: 231-595-7  
[C] R34; [Xi] R37

### 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.

**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. Use water spray to cool containers.

**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. Turn leaking containers leak-side up to prevent the escape of liquid.

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

**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 mists in the air.

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

**Suitable packaging:** Polyethylene.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Hazardous ingredients:** HYDROCHLORIC ACID  
WEL (8 hr TWA): 1 ppm ; 2mg/m<sup>3</sup> WEL (15 min STEL): 5 ppm ; 8mg/m<sup>3</sup>

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

**Respiratory protection:** Gas/vapour filter, type E: sulphur dioxide and other acid gases (EN141).

**Hand protection:** Protective gloves. Gloves (acid resistant).

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

**Skin protection:** Protective clothing.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**State:** Liquid

**Colour:** Beige

**Odour:** Pungent

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

**Solubility in water:** Soluble

**Viscosity:** Non-viscous

**Boiling point/range°C:** >0

**Melting point/range°C:** <0

**SAFETY DATA SHEET**

ACID WASH 80

**Relative density:** 1.08  
**pH:** 1% = 1.4  
**VOC g/l:** 0

**10. STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions.

**Materials to avoid:** Oxidising agents.

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

**11. TOXICOLOGICAL INFORMATION**

**Acute toxicity:** ACID WASH 80  
ORL RBT

**Routes of exposure:** Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

**12. ECOLOGICAL INFORMATION**

**Mobility:** Readily absorbed into soil.

**Persistence and degradability:** The surfactants contained in this preparation comply with the biodegradability criteria as laid down in regulation (EC) No.648/2004 on detergents. Biodegradable.

**Bioaccumulative potential:** No bioaccumulation potential.

**Other adverse effects:** Negligible ecotoxicity.

**13. DISPOSAL CONSIDERATIONS**

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**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:** 3264 **ADR Class:** 8  
**Packing group:** III **Classification code:** C1  
**Shipping name:** CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.  
(HYDROCHLORIC ACID...17%)  
**Labelling:** 8 **Hazard ID no:** 80



**SAFETY DATA SHEET**

ACID WASH 80

**IMDG / IMO**

**UN no:** 3264 **Class:** 8  
**Packing group:** III **EmS:** F-A,S-B  
**Marine pollutant:** .  
**Labelling:** 8

**IATA / ICAO**

**UN no:** 3264 **Class:** 8  
**Packing group:** III  
**Packing instructions:** 818(P&CA); 820(CAO)  
**Labelling:** 8

**15. REGULATORY INFORMATION**

**Hazard symbols:** Irritant.



**Risk phrases:** R36/37/38: Irritating to eyes, respiratory system and skin.

**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.

**Haz. ingredients (label):** HYDROCHLORIC ACID...100%

**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.

1 LTR ; LIMITED QUANTITY FOR ADR

5 LTR ; LIMITED QUANTITY FOR ADR

**Risk phrases used in s.3:** R34: Causes burns.

R37: Irritating to respiratory system.

**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.

