

SAFETY DATA SHEET

CITROL

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Issued: 08/12/2003

Revision No: 1

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

Product name: CITROL

Product code: 401

Use / description of product: 401 : This mild and concentrated lemon washing up liquid quickly produces a long lasting foam that is free rinsing.

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

2. COMPOSITION / INFORMATION ON INGREDIENTS

- Hazardous ingredients:** DODECYL BENZENESULPHONIC ACID SODIUM SALT 10-30%
[Xi] R36
- COCONUT DIETHANOLAMIDE 1-10%
EINECS: 271-657-0 CAS: 68603-42-9
[Xi] R38
 - /- ANIONIC SURFACTANT 1-10%
[Xi] R36/38

3. HAZARDS IDENTIFICATION

Main hazards: No significant hazard.

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.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

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: Wash out mouth with water. If conscious, give half a litre of water to drink immediately. Do not induce vomiting. Transfer to hospital as soon as possible.

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Inhalation: 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. 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:** 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:** Store in cool, well ventilated area. Keep container tightly closed.**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Respiratory protection:** Respiratory protection not required.**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:** Yellow**Odour:** Pleasant**Evaporation rate:** Moderate**Oxidising:** Non-oxidising (by EC criteria)**Solubility in water:** Soluble**Viscosity:** Viscous**Relative density:** 1.02 - 1.035**pH:** 7 - 8**10. STABILITY AND REACTIVITY****Stability:** Stable under normal conditions.**Conditions to avoid:** Heat.**Materials to avoid:** Strong oxidising agents. Strong acids.

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Haz. decomp. products: In combustion emits toxic fumes.**11. TOXICOLOGICAL INFORMATION****Hazardous ingredients:** /- ANIONIC SURFACTANT

ORL RAT LD50 >2000 mg/kg

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:** 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****UN no:** -**Shipping name:** "NOT SUBJECT TO ADR"**IMDG / IMO****UN no:** -**IATA / ICAO****UN no:** -**15. REGULATORY INFORMATION****Hazard symbols:** No significant hazard.**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.

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: R36: Irritating to eyes.
R38: Irritating to skin.
R36/38: Irritating to eyes and skin.

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.