

## SAFETY DATA SHEET

TOPS

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Revision No: 3

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

**Product name:** TOPS

**Product code:** 703

**Use of substance / preparation:** Professional cleaning and maintenance product

**Company name:** Clover Chemicals Ltd

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### 2. HAZARDS IDENTIFICATION

**Main hazards:** No significant hazard.

**Other hazards:** In use, may form flammable / explosive vapour-air mixture.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Hazardous ingredients:** 3 - BUTOXYPROPAN - 2 - OL 2-5%

EINECS: 225-878-4 CAS: 005131-66-8

[Xi] R36/38

- ALCOHOLS, C12-C14, ETHOXYLATED <1%

EINECS: POLYMER CAS: 68439-50-9

[Xi] R41; [N] R50

### 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:** There may be irritation of the throat with a feeling of tightness in the chest.

### 4. FIRST AID MEASURES (ACTION)

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

**Ingestion:** Wash out mouth with water.

**Inhalation:** Move to fresh air in case of accidental inhalation of vapours.

**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:** Transfer to a suitable container.

**7. HANDLING AND STORAGE**

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

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

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Respiratory protection:** Respiratory protection not required.

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

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**State:** Liquid

**Colour:** Pale green

**Odour:** Characteristic odour

**Evaporation rate:** Moderate

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

**Solubility in water:** Miscible

**Viscosity:** Highly viscous

**Boiling point/range°C:** 100

**Melting point/range°C:** 0

**Relative density:** 0.95 - 1.09

**pH:** 5 - 10

**VOC g/l:** 30

**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 of carbon dioxide.

**11. TOXICOLOGICAL INFORMATION**

**Hazardous ingredients:** ALCOHOLS, C12-C14, ETHOXYLATED  
ORL RAT LD50 >5000 mg/kg

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

**12. ECOLOGICAL INFORMATION**

**Hazardous ingredients:** 3 - BUTOXYPROPAN - 2 - OL  
DAPHNIA 48H EC50 >1000 mg/l  
FISH GUPPIES 96H LC50 560-1000 mg/l

- ALCOHOLS, C12-C14, ETHOXYLATED  
ALGAE 48H EC50 >1-<=10 mg/l  
BACTERIA 48H EC50 >100 mg/l  
DAPHNIA 96H LC50 >1-<=10 mg/l  
FISH 96H LC50 >1-<=10 mg/l

**Mobility:** Readily absorbed into soil.

**Persistence and degradability:** Biodegradable in part only.

**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:** Not Classified.

**IMDG / IMO**

**UN no:** Not Classified.

**IATA / ICAO**

**UN no:** Not Classified.

**15. REGULATORY INFORMATION**

**Hazard symbols:** No significant hazard.

**Safety phrases:** S2: Keep out of the reach of children.

**Seveso II guideline:** No

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

**Air emission directive:** Class: III Item no: 5.2.5 Amount m%: 3

