

SAFETY DATA SHEET

CAR SCREEN WASH

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Issued: 01/02/2010

Revision No: 3

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

Product name: CAR SCREEN WASH

Product code: 717

Use of substance / preparation: 717 : A concentrated water dilutable screen wash additive for vehicle washer bottles, produces a clear and smear free finish.

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: Flammable.

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

3. COMPOSITION / INFORMATION ON INGREDIENTS

- Hazardous ingredients:** ETHANOL 10-30%
EINECS: 200-578-6 CAS: 64-17-5
[F] R11
- PROPAN-2-OL 1-10%
EINECS: 200-661-7 CAS: 67-63-0
[F] R11; [Xi] R36; [-] R67
 - SODIUM ALKYL C10-16, ETHER SULPHATE 1-10%
[Xi] R36/38

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be pain and redness. The eyes may water profusely. The vision may become blurred.

Ingestion: The casualty may appear intoxicated.

Inhalation: Drowsiness or mental confusion may occur.

4. FIRST AID MEASURES (ACTION)

Skin contact: Wash immediately with plenty of soap and water.

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Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

Ingestion: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

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

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: Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. 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

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. 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. Stainless steel.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredients: ETHANOL

WEL (8 hr TWA): 1920 mg/m³

- PROPAN-2-OL

WEL (8 hr TWA): 999 mg/m³ WEL (15 min STEL): 1250 mg/m³

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

Respiratory protection: Gas/vapour filter, type A: organic vapours (EN141).

Hand protection: Protective gloves.

Eye protection: Safety glasses.

Skin protection: Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Blue

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Odour: Characteristic odour
Evaporation rate: Fast
Solubility in water: Soluble
Viscosity: Non-viscous
Flash point°C: 31
Relative density: 0.78 - 0.88
pH: 6 - 8
VOC g/l: 250

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: ETHANOL
IVN RAT LD50 1440 mg/kg
ORL MUS LD50 3450 mg/kg
ORL RAT LD50 7060 mg/kg

- PROPAN-2-OL
IVN RAT LD50 1088 mg/kg
ORL MUS LD50 3600 mg/kg
ORL RAT LD50 5045 mg/kg
SCU MUS LDLO 6 gm/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. 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.
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.

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14. TRANSPORT INFORMATION**ADR / RID**

UN no: 1987 **ADR Class:** 3
Packing group: III **Classification code:** F1
Shipping name: ALCOHOLS, N.O.S. (ETHANOL/PROPAN-2-OL)
Labelling: 3 **Hazard ID no:** 30

**IMDG / IMO**

UN no: 1987 **Class:** 3
Packing group: III **EmS:** F-E,S-D
Marine pollutant: .
Labelling: 3

IATA / ICAO

UN no: 1987 **Class:** 3
Packing group: III
Packing instructions: 309(P&CA); 310(CAO)
Labelling: 3

15. REGULATORY INFORMATION

Hazard symbols: Symbol not required.

Risk phrases: R10: Flammable.

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

Air emission directive: Class: III Item no: 5.2.5 Amount m%: 25

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: R11: Highly flammable.

R36: Irritating to eyes.

R67: Vapours may cause drowsiness and dizziness.

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. According to 1907/2006/EC, Article 31

