



**SAFETY DATA SHEET**  
MACHINE CARPET CLEANER

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Issued: 06/08/02  
Revision No: 1

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

**Product name:** MACHINE CARPET CLEANER

**Product code:** JU 050

**Use / description of product:** Upholstery cleaner. Liquid. Irritant.

**Company name:** Tudor Chemicals Ltd

Unit 1

Baker Street

Coalville

Leicestershire

LE67 4GA

Tel: 01530 834480

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

**Ingredients:** NITRILOTRIACETIC ACID TRISODIUM SALT 1-5%

CAS: 5064-31-3

[Xn] R22; [Xi] R36/38;

- 2-BUTOXYETHANOL 1-5%

CAS: 111-76-2

EINECS: 203-905-0

[Xn] R20/21/22; [Xi] R36/38;

- SODIUM HYDROXIDE 1-5%

CAS: 1310-73-2

EINECS: 215-185-5

[C] R35;

**3. HAZARDS IDENTIFICATION**

**Main hazards:** Irritating to eyes and skin.

**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.

**Ingestion:** Nausea and stomach pain may occur. There may be vomiting. Inhalation of fumes from the stomach may cause symptoms similar to direct inhalation.

**Inhalation:** Nausea and stomach pain may occur. There may be vomiting. Drowsiness or mental confusion may occur. There may be loss of consciousness.

**4. FIRST AID MEASURES (ACTION)**

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.

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

[cont...]

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**Ingestion:** Do not induce vomiting. If conscious, give 1 pint of water to drink immediately. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

**5. FIRE-FIGHTING MEASURES**

**Extinguishing media:** Carbon dioxide.

**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.  
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. Wash the spillage site with large amounts of water.

**7. HANDLING AND STORAGE**

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

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

**Suitable packaging:** Must only be kept in original packaging.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Ingredients:** 2-BUTOXYETHANOL  
TWA (8 hr exposure limit): 123 mg/m<sup>3</sup>

- SODIUM HYDROXIDE  
STEL (15 min exposure limit): 2 mg/m<sup>3</sup>

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

**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency.

**Hand protection:** Protective gloves.

**Eye protection:** Safety goggles.

**Skin protection:** Protective clothing with elasticated cuffs and closed neck. Boots made of PVC.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**State:** Liquid

**Colour:** Yellow

**Odour:** Pleasant

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**Evaporation rate:** Slow  
**Oxidising:** Non Oxidising.  
**Solubility in water:** Miscible in all proportions  
**Also soluble in:** Alcohols  
**Viscosity:** Non-viscous  
**Relative density:** 1.04  
**pH:** >13

### 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions.  
**Conditions to avoid:** Heat.  
**Materials to avoid:** Strong acids. Strong oxidising agents.  
**Haz. decomp. products:** In combustion emits toxic fumes of carbon dioxide and carbon monoxide.

### 11. TOXICOLOGICAL INFORMATION

**Ingredients:** 2-BUTOXYETHANOL  
 ORL RAT LD50 470 mg/kg  
 • SODIUM HYDROXIDE  
 IPR MUS LD50 40 mg/kg

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

### 12. ECOLOGICAL INFORMATION

**Mobility:** Soluble in water.  
**Persistence and degradability:** Slowly biodegradable  
**Bioaccumulative potential:** No data available.  
**Other adverse effects:** Toxic to flora.

### 13. DISPOSAL CONSIDERATIONS

**Disposal operations:** Via an authorised waste disposal contractor to an approved waste disposal site.  
**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

### 14. TRANSPORT INFORMATION

#### ADR / RID

<b>UN no:</b> 1760	<b>ADR Class:</b> 8
<b>Hazard ID no:</b> 80	<b>Labelling:</b> 8
<b>Shipping name:</b> CORROSIVE LIQUID, N.O.S.	

#### IMDG / IMO

<b>UN no:</b> 1760	<b>Class:</b> 8
<b>Packing group:</b> III	<b>EmS:</b> 8-15
<b>Marine pollutant:</b> .	<b>Labelling:</b> 8

**SAFETY DATA SHEET**  
MACHINE CARPET CLEANER**IATA / ICAO**

<b>UN no:</b> 1760	<b>Class:</b> 8
<b>Packing group:</b> III	<b>Packing instructions:</b> 820
<b>Quantity:</b> 60 L	
<b>Labelling:</b> 8	

**15. REGULATORY INFORMATION****Hazard symbols:** Irritant.**Risk phrases:** R36/38: Irritating to eyes 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.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

**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. ADDITIONAL INFORMATION****Risk phrases used in s.2:** R22: Harmful if swallowed.  
R36/38: Irritating to eyes and skin.  
R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.  
R35: Causes severe burns.**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.