



Material Safety Data Sheet

Hazardous According To The Criteria Of NOHSC

1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

<u>Product Name:</u>	Treble X
<u>Other Name:</u>	None
<u>Manufacturer's Product Code:</u>	
<u>Recommended Use:</u>	Acidic cleaner and concrete remover.
<u>Supplier Name:</u>	AUTOSMART AUSTRALIA
<u>Supplier Address:</u>	AUTOSMART AUSTRALIA 11 DARRAMBAL CLOSE RATHMINES NSW 2283 www.autosmartaustralia.com.au www.autosmartinternational.com autosmart@autosmartaustralia.com.au
<u>Telephone No.:</u>	02 49 75 14 88 (Mon to Fri, 08:00 – 16:00 AEST) (General Information. Transport Information. Mild medical Information)
<u>Emergency No.:</u>	0011 44 7808 971 321 (24 Hrs) (Autosmart International) 131126 (24hrs) Poisons Information Centre Australia

2 HAZARDS IDENTIFICATION

<u>HAZARD DESIGNATION:</u>	Hazardous According To The Criteria Of NOHSC
<u>Hazard Category:</u>	CORROSIVE

RISK PHRASES:

R34 Causes burns.

R37 Irritating to respiratory system.

SAFETY PHRASES:

S1/2 Keep locked up and out of the reach of children.

S24/25 Avoid contact with skin and eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

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

S51 Use only in well-ventilated areas.

S62. If swallowed do not induce vomiting. Seek medical advice immediately and show the container or label.

ADG CLASSIFICATION:

CLASS 8 “dangerous goods” for transport by road or rail according to the Australian Code for the Transport of Dangerous Good by Road and Rail.

SUSDP CLASSIFICATION:

S6

3 COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS NUMBER:	PROPORTION (% W/W)
2-Butoxyethanol	111-76-2	5-10%
Hydrochloric acid	7647-01-0	10-30%
Phosphoric acid	7664-38-2	1-5%
Other ingredients determined not to be hazardous		To 100%

4 FIRST AID MEASURES

IF POISONING OCCURS, IMMEDIATELY CONTACT A DOCTOR OR POISONS INFORMATION CENTRE (TELEPHONE 13 11 26), AND FOLLOW THE ADVICE GIVEN. SHOW THIS MATERIAL SAFETY DATA SHEET TO A DOCTOR.

- Inhalation:** Remove person to fresh air. Rinse nose and mouth. Seek medical attention.
- Skin Contact:** Remove all contaminated clothing. Wash the skin with plenty of water. Seek medical attention. Launder clothing before re-use.
- Eye contact:** Immediately rinse eyes thoroughly, including under eyelids, with running water for at least 15 minutes. Seek immediate medical advice.
- Ingestion:** Do NOT induce vomiting. Rinse mouth. Seek immediate medical advice.
- First Aid Facilities:** Provide an eyewash station in the workplace.
- Symptoms:** Not available

Medical attention:**5 FIRE FIGHTING MEASURES**

- Extinguishing media:** Foam, dry chemical or water spray. Do not use a water jet from a fire hose.
- Hazards from combustion products:** No data available.
- Precautions for fire fighters:** Fire fighters should wear full protective clothing and self-contained breathing apparatus. Do not release contaminated water into the environment. Keep intact containers cool by water spray.

ADDITIONAL INFORMATION:**HAZCHEM CODE:** 2R**6 ACCIDENTAL RELEASE MEASURES**

Wear suitable protective clothing, acid resistant gloves and boots. Prevent spill from entering drains, sewers or any body of water. Contain and absorb with sand, earth or inert absorbent. Scoop or shovel into sealable containers for disposal in accordance with applicable local, state and federal regulations. Spillage's May Be Slippery.

7 HANDLING AND STORAGE**Handling:**

Keep out of reach of children. Avoid contact with skin and eyes and do not inhale spray mist. Use only in a well-ventilated area. Do not apply in the presence of naked flames, hot surfaces or unprotected electrical equipment. Use proper grounding procedures.

Storage:

Store product in the closed, original container in a cool, well-ventilated area away from direct sunlight.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Standards:**

HYDROCHLORIC ACID STEL 5ppm.
PHOSPHORIC ACID 2mg/m³

Engineering Controls:

Ensure adequate ventilation. Keep container closed when not in use.

Personal Protective Equipment:**EYES:**

Avoid contact with eyes. Wear chemical resistant safety goggles or face visor.

CLOTHING:

Wear suitable protective clothing. Protective clothing must be stored separately from private clothing.

GLOVES:

Avoid contact with skin. Wear PVC gloves.

RESPIRATORY:

In confined areas wear an approved respirator with filter suitable for acid mists.

OTHER:

Do not eat, drink or smoke until after washing. Wash thoroughly after handling. After each day's use wash gloves, goggles and contaminated clothing.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear blue liquid
Odour:	Acidic
Vapour Pressure:	not relevant.
Vapour Density:	Not available
Boiling Point:	Not available
Freezing/melting point:	Not available
Solubility:	Soluble in Water.
Density:	1.094@ 20 °C
pH Neat:	1
Flashpoint:	Not relevant
Flammability (explosive) limits:	
Auto-ignition temperature:	
Percent volatiles:	
Octanol/water partition coefficient:	Not available
Formulation:	Acidic detergent cleaner.

10 STABILITY AND REACTIVITY

Chemical stability:	Not available
Hazardous polymerisation:	Will not occur
Conditions to avoid:	Not available

Incompatible materials:	Incompatible with strong oxidising agents
Hazardous decomposition products:	Carbon Monoxide
Hazardous reactions:	Not available

11 TOXICOLOGICAL INFORMATION

Inhalation:

Do not breathe spray. Inhalation of spray will cause respiratory irritation resulting in sore throats and coughing.

Skin contact:

Will cause irritation to skin. The material should not be allowed to come into contact with the skin.

Eye contact:

Risk of serious damage to eyes. The material should not be allowed to contact the eyes. Will cause severe pain and redness. Vapours may cause irritation.

Ingestion:

Will cause severe burns to respiratory tract and abdominal pain. Vomiting may cause lung damage.

Other: None ANIMAL TOXICITY DATA – PRODUCT: No data available for the product. ANIMAL TOXICITY DATA – INDIVIDUAL INGREDIENTS:

Acute: Oral toxicity: LD₅₀ rat: No data

Dermal toxicity: LD₅₀ rabbit: not available

Inhalation toxicity: Irritant

Skin irritation: Irritant

Eye irritation: Irritant

Sensitisation: Not available

Chronic: Chronic effects are not expected to occur with this product.

12 ECOLOGICAL INFORMATION

Fish toxicity: Data not available

Daphnia toxicity: Data not available

Toxicity to algae: Data not available

Bird toxicity: Data not available

Bee toxicity: Data not available

Other: No data available

Environmental fate, persistence and degradation:

Degrades rapidly in soil and water.

13 DISPOSAL CONSIDERATIONS

Do not discharge into drains. Do not incinerate. Dispose of waste material via a licensed waste disposal contractor.

14 TRANSPORT INFORMATION

UN number: UN 1789

Proper shipping name: HYDROCHLORIC ACID

Class and Subsidiary Risk: 8 – Corrosive liquid. “dangerous goods” for transport by road or rail according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Packing Group: III

EPG: Not applicable

Hazchem code: 2R

15 REGULATORY INFORMATION

Allocated Poison schedule number 6.

16 OTHER INFORMATION**Preparation information:**

Only trained personnel should use this material.

MSDS Issue

Issue	No.3
Prepared:	01/09/2013
Next review date:	01/09/2018
Reason for Update	Review & update

Prepared by Autosmart International, Lynn Lane, Shenstone, Lichfield, Staffordshire,
WS14 0DH, Great Britain

www.autosmartinternational.com

rbutler@autosmart.co.uk

Tel: +44 1543 481616

Data Sources and References:

National Code of Practice for the preparation of Material Safety Data Sheets 2nd Edition [NOHSC:2011 (2003)].

Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP) No 23

National code of practice for the storage and handling of Workplace Dangerous Goods [NOHS:2017 (2001)]

National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHS:21003 (1995)]

Disclaimer:

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

END OF MSDS