

# Tough Technology Products Ltd

## PRODUCT SAFETY DATA SHEET

### 1. Identification of the Substance/Preparation & Supplier.

**Product Name:** Glass

**Product Type:** Hard Surface & Glass Cleaner

**Supplier:** Tough Technology Products Ltd, 379 Washway Road, Sale, Cheshire, M33 4FJ

**Emergency information:** Emergency phone number (Office hours only): 0161 9699939 / 07785257565  
Fax no: 0161 9699939

### 2. Hazards Identification.

**Hazard designation:**  
Not classified as Hazardous under CHIP regulations.

**Information pertaining to particular dangers for man and environment:** Not applicable.

#### **Classification system:**

The health and environmental hazards of this preparation have been assessed by the conventional method described in annex II and III of the preparations Directive 1999/45 EC.

### 3. Composition/Information on Ingredients.

#### **Dangerous components:**

Hazardous component:	EINECS	Cas No.	Index	Risk Phrases:	Concentration:
(2-Methoxymethylethoxy) propanol	252-104-2	34590-94-8	None	None	5-10%
Ammonia Solution	215-647-6	1336-21-6	C, Xi	R34, R37	<1%
Sodium-di-ethyl-hexyl-sulfosuccinate	209-406-4	577-11-7	Xi	R38, R41	<1%

**Additional Information:** For the wording of the listed risk phrases refer to section 16.

### 4. First Aid Measures.

**Eye Contact:** Flush with plenty of clean water for at 10-15 minutes. If irritation persists obtain medical attention.

**Skin Contact:** Wash off with water. The application of skin reconditioning (emollient) cream, can be beneficial.

**Inhalation:** Remove to fresh air, if symptoms persist, seek medical advice.

**Ingestion:** Milk or water to drink may be beneficial. Do not induce vomiting without medical advice.

### 5. Fire Fighting Measures:

**Suitable Extinguishing Media:** Foam, Dry Powder, Co2, Halon, fine water spray suitable.

**Unsuitable Extinguishing Media for Reasons of Safety:** None

**Special Hazards caused by the material, its products of combustion or flue gases:** Not classed as flammable but inherently combustible. Spray containers adjacent to fires to keep cool and avoid bursting.

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**Protective Equipment:** Standard protective equipment.

## **6. Accidental Release Measures.**

**Personal safety precautions:** Wear protective equipment. Keep unprotected persons away. Use protective clothing, chemical eye goggles and PVC or rubber gloves.

**Measures for environmental protection:** Inform authorities in case of contamination of water or sewage system. Do not allow product to soak into drains or water courses.

**Methods for cleaning/collecting:** Soak liquid in absorbent material and collect solids in a container. Wash down floor area as spillages can be slippery. Dispose only in accordance with Local Authority regulations, via authorised waste disposal agent.

## **7. Handling and Storage.**

**Handling:** Avoid contact with skin and eyes. Observe good standards of industrial hygiene.

**Information for safe handling:** Keep in tightly closed containers. Take note of emission threshold.

**Storage:**

**Requirements to be met by storerooms and containers:** Store in mild steel, stainless steel or polyethylene. Store between 10-35°C. Protect from frost.

**Information about storage in a common storage facility:** Do not store in extremes of temperature or near foodstuffs.

**Specific Uses:** To be used as a hard surface and glass cleaner.

## **8. Exposure Controls/Personal Protection.**

**Exposure limit values:**

<u>Ingredient Name</u>	<u>8hr TWA</u>	<u>10min STEL</u>
(2-Methoxymethylethoxy)	WEL 50ppm	

**Occupational exposure controls:**

Respiratory Protection: Unlikely to be necessary where adequate ventilation is provided.

Eyes: Chemical eye goggles should be worn.

Hand: PVC or rubber gloves are recommended.

Skin: Use protective clothing. Remove contaminated clothing and wash with soap and water.

**Environmental exposure controls:**

Dispose only in accordance with Local Authority regulations, via authorised waste disposal agent.

## **9. Physical and Chemical Properties.**

<b>Appearance:</b>	Pale Blue Fluid
<b>Odour:</b>	Ammoniacal
<b>pH Neat:</b>	11.50 typical
<b>Boiling Point:</b>	100°C
<b>Flammability:</b>	Non-Flammable
<b>Vapour Pressure:</b>	Water=18mm Hg
<b>Water Solubility:</b>	Totally soluble
<b>Specific Gravity @ 20°C:</b>	0.980 – 1.020 typical
<b>Freezing Point:</b>	0°C

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## **10. Stability and Reactivity.**

**Conditions to Avoid:** Naked flames, hot surfaces, other high temperature sources.

**Materials to Avoid:** Strong oxidising agents.

**Hazardous Decomposition:** Oxides of carbon, water vapour and unidentified compounds, some of which could be toxic may be evolved. Product is stable under normal conditions.

### **11. Toxicological Information.**

**Eyes:** Contact with the eyes may give rise to irritation and stinging.  
**Skin:** Product is not classified as a skin irritant. Brief or occasional contact is unlikely to cause any significant reaction. Prolonged or repeated contact with the undiluted product may lead to de-fatting of the skin and/or slight irritation.  
**Inhalation:** Unlikely to present any significant hazard at ambient temperature. Excessive exposure to mists caused by atomising systems may cause irritation to eyes and respiratory tract.  
**Ingestion:** Low order of acute toxicity. Ingestion of this product is not regarded as a significant health hazard, likely to arise in normal use. Swallowing of significant amounts may lead to vomiting and diarrhoea.

### **12. Ecological Information.**

**Eco-toxicity:** There is no data available on the product itself.

**Mobility:** The product should not be allowed to enter drains or watercourses or be deposited where it can affect ground or surface waters. Avoid transfer into the environment.

**Persistence and Degradability:**

**Bio-accumulative Potential:** Not expected to bio-accumulate.

### **13. Disposal Recommendations.**

Product should be disposed of via an authorised waste disposal contractor in accordance with all local and national regulations.

Wash out containers with water, running the washings to sewage treatment plant system. Dispose of empty containers in accordance with local and national regulations.

Advice can be obtained from the Waste Regulation Authority whether special waste regulations apply to this product.

### **14. Transport Information.**

Product is not classified as hazardous for transport.

### **15. Regulatory Information.**

**Designation according to EC guidelines:**

The product has been classified and labelled in accordance with EC Directives / Ordinance on Hazardous Materials (CHIP).

**Risk Phrases:** None

**Safety Phrases:** S2: Keep out of reach of children.  
S24/25: Avoid contact with skin and eyes.

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**National Regulations:**

**Regulations which may apply in event of accident:**

## **Control of Major Accident Hazards (COMAH)**

Critical quantity values according to the regulations on accidents should be adhered to.

### **16. Other Information.**

Do not mix with other chemicals.

The information provided in this data sheet has been compiled in accordance with the requirements of the Chemicals (Hazard information and packaging) Regulations 2002 (CHIP 3).

This data sheet does not constitute an assessment of the workplace risks as required under the provisions of the Health & Safety at Work act and the Control of Substances Hazardous to Health (COSHH).

#### **R - Phrases relevant to the products hazardous ingredients:**

R34: Causes burns  
R37: Irritating to the respiratory system  
R38: Irritating to skin  
R41: Risk of serious damage to eyes

**Training Advice:** Users should be trained in good industrial hygiene practise.

#### **Recommended Restrictions on Use:**

**Department issuing data specification sheet:** Health and Safety Department

#### **Legal Disclaimer:**

The information supplied above is based upon the present state of our knowledge of the product at the time of publication. It is given in good faith and no warranty is implied with respect to the specification or quality of the product. The user must satisfy himself that the product is entirely suitable for his purpose.

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