

# MATERIAL SAFETY DATA SHEET

## Section 1: IDENTIFICATION

### TREBLE

**Recommended Use:** Multipurpose Cleaner.

**Product Code:** 200045 (15L), 200044(2x5L).

#### Whiteley Industrial

A division of Whiteley Corporation Pty Ltd (A.C.N. 000 906 678)  
 Postal Address: P. O. Box 1076 North Sydney NSW 2059  
 Telephone Number: (02) 9929 9155 Facsimile: (02) 9929 9077  
 Emergency Telephone Number: Poisons Information Centre (National) 131126

## Section 2: HAZARDS

Classified as hazardous by the criteria of NOHSC.

R36/38	Irritating to eyes and skin
S1/2	Keep locked up and out of reach of children
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S37/39	Wear suitable gloves and eye/face protection
S45	In case of an accident or you feel unwell, seek medical advice immediately (show the label whenever possible)

## Section 3: COMPOSITION INFORMATION

Ingredient	CAS No	Proportion
Ingredients deemed not to be hazardous	Not applicable	To 100%
Potassium Hydroxide*	1310-58-3	<10%

\* the actual amount of this ingredient is less than 1%.

## Section 4: FIRST AID

<b>Eye (Contact)</b>	Hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.
<b>Skin (Contact)</b>	Remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre or a doctor.
<b>Inhalation(Breathing)</b>	Not volatile at room temperatures.
<b>Ingestion (Swallowing)</b>	DO NOT induce vomiting. For advice, contact a Poisons Information Centre (Phone 131126) or a doctor.
<b>Advice to Doctor</b>	Treat symptomatically.
<b>First Aid Facilities</b>	Ensure an eye bath and safety shower are available and ready for use.
<b>Additional Information</b>	No aggravated medical conditions are known to be caused by exposure to

this product.

### Section 5: FIREFIGHTING MEASURE

<b>Suitable Extinguishing Media</b>	Use extinguishing media suited to the materials that are burning. eg. Dry chemical, CO <sub>2</sub> or water spray.
<b>Hazards From Combustion Products</b>	Carbon dioxide, carbon monoxide and other toxic gases may be produced in the case of fire.
<b>Precautions For Fire Fighters and Special Protective Equipment</b>	Firefighters should wear full protective clothing including self contained breathing apparatus and chemical splash suit. Ensure that no spillage enters drains or water courses. Remove from the vicinity containers not involved in the fire.
<b>Additional Information</b>	<b>Hazchem Code</b> – Not applicable.

### Section 6: ACCIDENTAL RELEASE MEASURES

<b>Emergency Procedure</b>	SAA/SNZ HB76: Dangerous Goods – Initial Emergency Response Guide – Not applicable
<b>Spills / Clean up</b>	Clean up personnel should wear personal protective equipment (see below). Restrict access to area until completion of cleanup. Stop leak if safe to do so. Contain spill with absorbent material, such as sand, vermiculite or other inert material. Prevent spill entering sewers or waterways. Collect and dispose of spilled material according to local regulations. Wash away remnants with copious amounts of cold water. Clean area by working from the periphery to the centre of spill or from the edge of the room to the centre.

### Section 7: HANDLING AND STORAGE

<b>Precautions for Safe Handling</b>	Contact Whiteley Corporation sales representative for advice when using this product for any application other than that outlined on the label or technical bulletin. Any non-intended or non-authorized use of this product may result in damage or personal injury. Store product in original container. Wash hands and face thoroughly after handling and before work breaks, eating, drinking, smoking and using toilet facilities.
<b>Conditions for Safe Storage</b>	Store in a cool, dry, well ventilated area away from incompatible materials. Keep container tightly sealed.

### Section 8: EXPOSURE CONTROL/PERSONAL PROTECTION

**National Exposure Standards** – Source: National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003].

<u>Ingredient</u>	<u>CAS No</u>	<u>ES-TWA</u>	<u>ES-STEL</u>
POTASSIUM HYDROXIDE	1310-58-3	2 mg/m <sup>3</sup>	-----

**Biological Limit Values** Not available.

**Engineering Controls**

Ensure adequate ventilation to keep airborne concentrations below exposure standards. If air contaminant levels exceed exposure limits, respiratory protection is required, see Personal Protective Equipment.

**Personal Protective Equipment**

Eye/face protection – Safety glasses or chemical resistant goggles should be worn to prevent eye contact.  
Skin protection – Use rubber gloves to prevent skin contact.  
Respiratory protection – If necessary, use a suitable respirator.

**Section 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b> Opaque fluorescent green liquid	<b>Boiling Point</b> approximately 100°C
<b>Odour</b> Lime odour	<b>Freezing Point</b> approximately 0°C
<b>pH</b> 11.0-12.0	<b>Solubility</b> Soluble in water.
<b>Specific Gravity</b> 1.014	<b>Flash Point</b> Not Applicable.
<b>Vapour Pressure</b> Not Available.	<b>Upper and Lower Flammability limits (in air)</b> Not Applicable.
<b>Vapour Density</b> Not Available.	<b>Ignition Temperature</b> Not Applicable.

**Section 10: STABILITY AND REACTIVITY**

<b>Chemical Stability</b>	Stable under normal ambient storage conditions.
<b>Conditions to avoid</b>	Avoid high temperatures (store below 30°C). Protect against physical damage.
<b>Incompatible materials</b>	None known. Do not mix with other chemicals.
<b>Hazardous decomposition products</b>	None known.
<b>Hazardous reactions</b>	None known.

**Section 11: TOXICOLOGICAL INFORMATION****HEALTH EFFECTS****Acute**

<b>Swallowed</b>	Considered an unlikely route of entry in commercial / industrial environments. May cause tissue damage in the mouth, throat and stomach.
<b>Eye</b>	Pain and reddening will occur. Severe damage may result if not treated immediately.
<b>Skin</b>	Causes irritation, redness and burns on contact with skin.
<b>Inhaled</b>	Inhalation of mist may cause irritation.

**Chronic**

<b>Swallowed</b>	No effects known.
<b>Eye</b>	Permanent injury may result.
<b>Skin</b>	Repeated skin contact may lead to dermatitis.
<b>Inhalation</b>	Possibility of moderate to severe respiratory damage.

**TOXICITY DATA**

Potassium Hydroxide

LD<sub>50</sub> 273mg/kg (oral, rat)

RTECS TT2100000

**Section 12: ECOLOGICAL INFORMATION****Ecotoxicity** Not known.**Persistence and degradability** Not known.**Mobility** Not known.**Section 13: DISPOSAL CONSIDERATIONS****Disposal method** Refer to State/Territory Land Waste Management Authority. Dispose of material through a licensed waste contractor. Rinse empty containers thoroughly before recycling or disposing to an authorised landfill.**Special precautions** Normally suitable for incineration by approved agent.**Section 14: TRANSPORT INFORMATION**

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code).

**UN Number** Not applicable.**UN Proper Shipping Name** Not applicable.**Class and subsidiary risk** Not applicable.**Packing Group** Not applicable.**Special precautions for user** Not applicable.**Hazchem Code** Not applicable.**Section 15: REGULATORY INFORMATION**

Poisons Schedule (SUSDP): Schedule 5 – CAUTION

All ingredients are listed in the Australia Inventory of Chemical Substances (AICS).

**Section 16: OTHER INFORMATION****Prepared by:** G. PROBERT  
**Position:** National Operations Manager**Date of preparation:** 25 January 2005

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