

MATERIAL SAFETY DATA SHEET

Section 1: IDENTIFICATION

MR STEEL

Recommended Use: Stainless steel cleaner and polish.

Product Code: 130112 (6x500ml), 130111 (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) 131 126

Section 2: HAZARDS

Classified as hazardous by the criteria of NOHSC.

R43: May cause sensitisation by skin contact.

S2: Keep out of reach of children.

S24: Avoid contact with skin.

S37: Wear suitable gloves.

Section 3: COMPOSITION INFORMATION

Ingredient	CAS No	Proportion
Ingredients deemed not to be hazardous	Not applicable	To 100%
D-limonene*	5989-27-5	<10%

* The actual amount of this ingredient is <3%

Section 4: FIRST AID

Eye (Contact)	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.
Skin (Contact)	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If irritation persists, seek medical attention.
Inhalation(Breathing)	Remove from exposure. Apply artificial respiration if not breathing and seek medical attention.
Ingestion (Swallowing)	DO NOT induce vomiting, as aspiration may cause lung damage. Give a glass of water. For advice, contact a Poisons Information Centre (Phone 131126) or a doctor.
Advice to Doctor	Treat symptomatically based on judgement of doctor and individual reactions of patient.

First Aid Facilities Ensure an eye bath and safety shower are available and ready for use.

Additional Information There is animal and human evidence of sensitisation by skin contact with oxidised d-Limonene.

Section 5: FIREFIGHTING MEASURE

Suitable Extinguishing Media Use dry chemical powder, foam, water spray or fog type extinguishers.

Hazards From Combustion Products Toxic and/or irritating fumes including carbon monoxide and carbon dioxide may be emitted.

Precautions For Fire Fighters and Special Protective Equipment Firefighters should wear self-contained breathing apparatus (SCBA) and complete protective clothing. Prevent run-off from fire control entering waterways.

Additional Information **Hazchem Code** – Not applicable.

Section 6: ACCIDENTAL RELEASE MEASURES

Emergency Procedure SAA/SNZ HB76: Dangerous Goods – Initial Emergency Response Guide - Not applicable.
Wear suitable personal protective equipment such as protective gloves to prevent skin contact.

Spills / Clean up Stop leak if safe to do so. For larger spills (greater than 1L) – contain spill by placing inert, non-combustible absorbent material such as vermiculite, sand or dirt onto spill. Small spills (less than 1L) – can be wiped up using clean rags. Collect material and place into a suitable container for disposal according to local regulations. Do not flush to drains or sewers. 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

Precautions for Safe Handling Shake well before use.
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 personal injury or damage to equipment and goods.
Store product in original container.
Wash hands and face thoroughly after handling and before work breaks, eating, drinking, smoking and using toilet facilities.

Conditions for Safe Storage Store in a cool, dry, well ventilated area away from sources of ignition. Keep container tightly sealed and store away from incompatible materials.

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>
None known			

Biological Limit Values	Not available.
Engineering Controls	Use in a well ventilated area.
Personal Protective Equipment	Eye/face protection – Safety glasses or chemical resistant goggles should be worn to prevent eye contact. Skin protection – Use suitable protective clothing, such as impervious gloves, apron, overalls, face shield and safety shoes with chemical resistance to prevent skin contact. Respiratory protection – If necessary, use a respirator with organic vapour filters.



Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance Creamy yellow liquid	Boiling Point greater than 100°C
Odour Characteristic citrus odour	Freezing Point less than 0°C
pH 5.0 – 8.0	Solubility Slightly soluble in water.
Specific Gravity 0.940 – 0.970	Flash Point Not Available..
Vapour Pressure Not Available.	Upper and Lower Flammability limits (in air) Not Available.
Vapour Density Not Available.	Ignition Temperature Not Available.

Section 10: STABILITY AND REACTIVITY

Chemical Stability	Product may separate over time. Shake well before each use.
Conditions to avoid	Protect against extreme heat and physical damage.
Incompatible materials	Incompatible with strong oxidising agents.
Hazardous decomposition products	Not known.
Hazardous reactions	Not known.

Section 11: TOXICOLOGICAL INFORMATION

HEALTH EFFECTS

Acute	
Swallowed	Considered an unlikely route of entry in commercial / industrial environments. May be irritating to gastro-intestinal tract. Aspiration may cause lung damage.
Eye	May cause eye irritation.
Skin	May cause skin irritation.
Inhaled	Vapour or mists may be irritating to respiratory system.

Chronic

Swallowed	None known.
Eye	None known.
Skin	May cause sensitisation by skin contact.
Inhalation	None known.

TOXICITY DATA

D-limonene	LD ₅₀ 4400mg/kg (oral, rat)	RTECS GW6360000
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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 disposing to an authorised landfill.
Special precautions	None known.

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): Not Scheduled.

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

Section 16: OTHER INFORMATION

Date of preparation: 16th October, 2008

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