MATERIAL SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Material Name: Wenol Metal Polish
Catalogue Number: M021.
Other Names: Metal Polish.
Recommended Use: For polishing metal surfaces.

Supplier Name: **ProSciTech**
Street Address: 1/11 Carlton Street, Kirwan, Qld. 4817 Australia
Telephone Number: (07) 4773 9444 **Fax Number:** (07) 4773 2244
Emergency Contact: (07) 4773 9444 8:30am – 5:00pm, Monday to Friday

SECTION 2 - HAZARDS IDENTIFICATION

Hazard Classification: Hazardous according to criteria of NOHSC.
Hazardous and/or Dangerous Nature: HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS.
Risk Phrases:
R10 Flammable.
R20 Harmful by inhalation.
R23 Toxic by inhalation.
R34 Causes burns.
R36/37/38 Irritating to eyes, respiratory system and skin.
R50 Very toxic to aquatic organisms.
R65 Harmful: May cause lung damage if swallowed.
Safety Phrases:
S1/2 Keep locked up and out of reach of children.
S9 Keep container in a well-ventilated place.
S16 Keep away from sources of ignition - No smoking.
S23 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).
S24 Avoid contact with skin.
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 the label where possible).
S61 Avoid release to the environment. Refer to special instructions/Material Safety Data Sheets.
S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

SECTION 3 - COMPOSITION /INFORMATION ON INGREDIENTS

SUBSTANCE:
Chemical Identity: Wenol Metal Polish
Common Name(s): Metal Polish
CAS Number(s): -

MIXTURE:

Ingredients	Cas Number(s)	Proportion (%)
Water	7732-18-5	~35
Aluminum oxide (pigments)	1344-28-1	25-35
White Spirit 150/200N	64742-81-1	10-20
Kerosene 200-230	8008-20-6	10-20
Coco Fatty Acid Diethanol amide	68603-42-9	5-15
Ammonia Solution 25%	7664-41-7	1-5

SECTION 4 - FIRST AID MEASURES

Swallowed: Do not induce vomiting Give water to drink to wash the alkaline product into stomach. Milk may be used to reduce the irritant effects of kerosene. Seek medical advice.
Eye: Flush eyes immediately with copious amounts of water for at least 15 minutes. If irritation persists, seek medical attention.
Skin: Wash with water until soapiness feel is removed.
Inhaled: Remove to fresh air and rest until symptoms resolve. If irritation persists, seek medical advice.

First Aid Facilities: Eyebath/eyewash & Safety shower.
Medical Attention & Special Treatment:

ADDITIONAL INFORMATION:

SECTION 5 - FIRE FIGHTING MEASURES

Suitable Extinguishing Media:
Dry foam, dry chemical or water spray, carbon dioxide and sand or earth.
Hazards from Combustion Products:
Organic dust particles in the atmosphere are combustible and may be explosive. Keep away from ignition sources. Carbon monoxide, oxides of nitrogen, oxides of sulphur, and unburned hydrocarbons.
Precautions for Fire Fighters:
Wear self-contained breathing apparatus that is NIOSH approved. Use flooding quantities of water until well after fire is out.
Hazchem Code: Not available.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Emergency Procedures:

Containment and clean up:
Spillage of up to 5 litres may be mopped up with a cloth. Large Spills: If possible ventilate the area. The spillage should be placed into a suitable container for subsequent disposal.

SECTION 7 - HANDLING & STORAGE

Precautions for Safe Handling:
Wear appropriate protective equipment while handling (refer to Section 8).
Conditions for Safe Storage:
Use in well ventilated areas, wear suitable gloves if prolonged exposure is anticipated. Store in a cool, dry, frost free place, and out of reach of children and closed in original packs.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards: Ammonia Solution 25%:
TWA 25ppm
TWA 17mg/m3
STEL 35ppm
STEL 24mg/m3
Biological Limit Values: No biological limit allocated.
Engineering Controls:
Local mechanical exhaust is recommended, use only in a well-ventilated area.
Personal Protective Equipment:
Respiratory protection: None necessary under normal working conditions.
Protective gloves: PVC or rubber gloves needed if prolonged contact.
Skin protection: Wear an apron or overalls.
Eye protection: Chemical resistant goggles.
Additional clothing and/or equipment: ND

The product does not present a significant hazard in normal use. Data in Sections 8 refers to prolonged contact with large quantities of product.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Slightly red paste.
Odour:	Ammonia.
pH:	9.5-11.5
Vapour pressure (mm of Hg at 25°C):	Not available.
Vapour density:	(air=1) 1.14-1.17
Boiling point/range (°C):	Not available.
Freezing/melting point (°C):	Not available.
Solubility:	Not available.

Specific gravity or density:	(H2O=1) 1.150 g/ml
Flash Point:	> 50°C
Flammable (explosive) limits:	Not available.
Ignition temperature:	Not available.
Additional Information:	

SECTION 10 - STABILITY AND REACTIVITY

Chemical stability:	Stable under normal conditions of use.
Conditions to avoid:	Temperatures in excess of 50 °C and incompatible materials.
Incompatible Materials:	Strong oxidizing agents.
Hazardous Decomposition	Organic dust particles in the atmosphere are combustible and may be explosive.
Products:	Keep away from ignition sources. Carbon monoxide, oxides of nitrogen, oxides of sulfur, and unburned hydrocarbons.
Hazardous Reactions:	Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Exposure and Health Effects:

Ingestion:

May cause irritation.

Inhalation:

Repeated and prolonged exposure to high concentrations of vapour may result in central nervous system damage. When vapour pressure is low there are no adverse effects.

Skin Contact:

Repeated or prolonged exposure may cause de-fatting of skin leading to irritation and dermatitis.

Eye Contact:

May cause irritation and conjunctivitis.

Human/Animal data:	Not available.
Carcinogenicity:	Not available.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity:	This product contains 10-20 of white spirit which is highly volatile and will rapidly evaporate to the air if released into the environment. Based upon data for similar materials, white spirit is classified as R51/53, toxic to aquatic organisms; may cause long-term adverse effects in the aquatic environment. Although data show that white spirit is not expected to persist in the aquatic environment, European Classification rules require that it be classified as potential hazard causing long-term adverse effects in the aquatic environment.
Persistence and degradability:	White spirit is expected to biodegrade rapidly and be "readily" biodegradable according to OECD guidelines. It can degrade rapidly in air and is expected to be removed in a waste water treatment facility.
Mobility:	Not available.
Additional Information:	Not available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Methods:

Dispose of waste according to Federal, State and Local Regulations.

Special Precautions:

Federal, State and local laws governing disposal of materials can differ. Ensure proper disposal compliance with proper authorities before disposal.

SECTION 14 - TRANSPORT INFORMATION

UN Number:	Not regulated.
UN Proper Shipping Name:	Not regulated.
Class and Subsidiary risk:	Not regulated.
Packing Group:	Not regulated.
Special Precautions for User:	Not available.
Hazchem Code:	Not available.

SECTION 15 - REGULATORY INFORMATION

Poison Schedule Number: None allocated.

SECTION 16 - OTHER INFORMATION

Date of preparation of MSDS: August 10
Comments:

List of Publications referenced when creating this MSDS;

- Hazardous Substances Information System Consolidated Lists: Safe Work Australia.
- APPROVED CRITERIA FOR CLASSIFYING HAZARDOUS SUBSTANCES [NOHSC:1008(2004)] 3rd Edition: National Occupational Health and Safety Commission.
- Dangerous Goods - Initial Emergency Response Guide (SAA/SNZ HB76:1997).
- IATA Dangerous Goods Regulations.
- Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003(1995)].
- Australia Standard for the Uniform Scheduling of Drugs and Poisons [SUSPD] (Australian Government Department of Health and Ageing).

… End of MSDS …