



RUBBEDIN PTY LTD

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT IDENTIFICATION

Product Name: **STAINLESS STEEL MAGIC**
Use: Polishing liquid for stainless steel surfaces.

Distributor: Rubbedin Pty Ltd
Emergency Phone No: 0405358685
Regular Phone No: (07) 3245 3255
Fax: (07) 3245 2554
Email: rubbedin@rubbedin.com.au
Address: Unit 1/43 Neumann Road
Capalaba QLD 4157

SECTION 2 – HAZARDS IDENTIFICATION

Classification:

- This material is **classified as hazardous** according to criteria of NOHSC.
- This product is **NOT classified as a DANGEROUS GOOD** according to the Australian Dangerous Goods Code.
- This product is **a scheduled 5 poison according to the SUSDP.**

UN No:	Not Applicable	PACKAGING GROUP:	Not Applicable
CLASS:	Not Applicable	HAZCHEM:	Not Applicable
SUB-RISK	Not Applicable	POISONS SCHEDULE:	S5

Hazard Category

Xn: Harmful

Risk Phrases

R65 Harmful: May cause lung damage if swallowed.

Safety Phrases

S23 Do not breathe vapour/mist.

S24 Avoid contact with skin.

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

S62 If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.



SECTION 3 – INGREDIENTS

MATERIAL/COMPONENT	Wt%	CAS NUMBER
Distillates (petroleum),hydrotreated middle - refined	>60%	64742-46-7
Ingredients not classified as hazardous	to 100%	

SECTION 4 -EMERGENCY AND FIRST AID PROCEDURES

For advice, contact a Poisons Information Centre (Phone e.g. Australia 131 126; New Zealand 0 800 764766) or a doctor.

EMERGENCY AND FIRST AID PROCEDURES

Ingestion: Do NOT induce vomiting. Rinse mouth with water. Give plenty of water to drink. Seek immediate medical assistance.

Eye contact: Immediately irrigate with copious quantities of water for at least 15 minutes. Eyelids to be held open. Remove clothing if contaminated and wash skin. Seek medical advice.

Skin contact: Wash contaminated skin with plenty of water. Remove contaminated clothing and wash before re-use. If irritation occurs seek medical advice.

Inhalation: Remove victim to fresh air away from exposure - avoid becoming a casualty. Seek medical advice (e.g. doctor) if any symptoms persist.

Notes to physician: Treat symptomatically.

SECTION 5 – FIRE AND EXPLOSION DATA

Flash Point: >130°C **Method:** Closed Cup



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Flammability Limits in Air (% Volume)

Lower: 1.0% Upper: 6.0%

Specific Hazards: C1 Combustible Liquid
Fire Extinguishing Media: Foam, dry agent (carbon dioxide, dry chemical powder).
Special Fire Fighting Procedures: On burning will emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Spill or Leak: Shut off all possible sources of ignition. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact and breathing in vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand, or other inert material). Collect and seal in properly labelled drums for disposal.

Disposal: Dispose of according to Local Authority Regulations.

SECTION 7 HANDLING AND STORAGE

Handling & Storage: Avoid skin and eye contact and breathing in vapour. Store in a cool, dry, well ventilated place away from sources of heat or ignition. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for leaks.

Other: Classified as a C1 (COMBUSTIBLE LIQUID) for the purpose of storage and handling. This material is a Scheduled Poison S5 and must be stored, maintained and used in accordance with the relevant regulations.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits: No value assigned for this specific material by the National Occupational Health and Safety Commission (Worksafe Australia). However for the hydrocarbon constituent, supplier recommends:

TWA = 152 ppm (1200 mg/m³)

TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

Engineering measures: Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. If inhalation risk exists: Use with local exhaust ventilation or while wearing organic vapour/particulate respirator. Vapour heavier than air – prevent concentration in hollows or sumps. Do not enter confined spaces where vapour may have collected. Keep containers closed when not in use.

Personal protection: The product is classified as a hazardous cleaning liquid. Use good occupational work practice. The use of protective clothing and equipment depends upon the degree and nature of exposure. Final choice of appropriate protection will vary according to individual circumstances, i.e. methods of handling or engineering controls and according to risk assessments undertaken. For typical small scale polishing applications as per label directions, protective equipment is generally not required.

The following protective equipment should be available for extended contact, spills, bulk quantities, or unknown applications;
Overalls, Safety Shoes, Safety Glasses, Gloves, Respirator.
Wear safety glasses and impervious gloves. Use with adequate ventilation. If risk of inhalation exists, wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.



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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point (C):	Not determined	Volatiles:	>90%
Melting Point(C):	Not determined	Press@20C mm Hg:	Not available
Specific Gravity:	0.8 – 0.85	VAP Density:	>1
Sol In Water (g/l):	Immiscible with water	pH:	Not applicable
Appearance:	Clear liquid	Flash Point:	>130 °C
Evaporation Rate (nButyl Acetate=1) approx.	0.1		

SECTION 10 – STABILITY AND REACTIVITY DATA

Stability	Stable under normal conditions.
Conditions to Avoid	Oxidising agents, extremes in temperature, sparks, open flame.
Incompatibilities	Oxidising agents, sparks, open flame.
Hazardous decomposition products:	Toxic fumes of carbon oxides on combustion or oxidation.
Hazardous Polymerisation:	Will not occur

SECTION 11 - TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

HEALTH EFFECTS

Swallowed:	Expected to be of low toxicity: Aspiration into lungs when swallowed or vomited may cause chemical pneumonitis. Can result in nausea, vomiting and central nervous system depression.
Eyes:	Mild eye irritant.
Skin:	May have a degreasing action on the skin. Prolonged or repeated exposure can lead to dermatitis in sensitive individuals.
Inhalation:	Not expected to be a respiratory irritant. Breathing in high concentrations can produce central nervous system depression.

Long Term Effects:

No information available for the product.

Toxicological Data:

No LD50 data available for the product. Components are classified as non-toxic.

SECTION 12 - ECOLOGICAL INFORMATION

Aquatic organisms : No acute toxicity to aquatic organisms is expected at the maximum water solubility of this material.

Avoid contaminating waterways.

Primary component "petroleum distillate" is classified as:

Fish : Low toxicity: LC/EC/IC50> 1000mg/l

Aquatic invertebrates : Low toxicity: LC/EC/IC50> 1000mg/l

Algae : Low toxicity: LC/EC/IC50> 1000mg/l

Mobility: Floats on water. Adsorbs to soil and has low mobility

Persistence/degradability: Expected to be biodegradable. Degrades rapidly in air by photo-chemical means.

Bioaccumulation: No data.

SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of material according to Local Authority Regulations or through a licensed waste contractor.

SECTION 14 TRANSPORT INFORMATION

Road and Rail Transport:	Not currently classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.
Marine Transport:	Not currently classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.
Air Transport:	Not currently classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.



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SECTION 15 REGULATORY INFORMATION

Classification: This material is classified as hazardous according to criteria of NOHSC. All the constituents of this material are listed on the Australian Inventory of Chemical Substances.

Poison Schedule: S5 (hydrocarbon liquid > 25%)

Hazard Category

Xn: Harmful

Risk Phrases

R65 Harmful: May cause lung damage if liquid is swallowed.

Safety Phrases

S23 Do not breathe vapour/mist.

S24 Avoid contact with skin.

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

S62 If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

SECTION 16 OTHER INFORMATION

Acronyms

SUSDP	Standard for the Uniform Scheduling of Drugs and Poisons.
ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail.
CAS Number	Chemical Abstracts Service Registry Number.
UN Number	United Nations Number.
R-Phrases	Risk Phrases.
HAZCHEM	An emergency action code of numbers and letters which gives information to emergency services.

NOHSC

National Occupational Health and Safety Commission.

NTP

National Toxicology Program (USA).

IARC

International Agency for Research on Cancer.

AICS

Australian Inventory of Chemical Substances.

TWA

Time Weighted Average

STEL

Short Term Exposure Limit

Literature References

List of Designated Hazardous Substances [NOHSC:10005(1999)]
Australian Code For The Transport Of Dangerous Goods By Road And Rail – Sixth Edition.
Standard for the Uniform Scheduling of Drugs and Poisons.
National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [NOHSC:2011(2003)]
Material Safety Data Sheets – individual raw materials – Suppliers.
Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(1999)]
HSIS – Hazardous Substance Information System – National Worksafe Data Base.
New Issue to standard : 2nd Edition [NOHSC:2011(2003)].
Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

Revision Information

Note

Contact Point

Poisons Information

Centre

Issue Date

Regulatory Affairs Manager	Telephone	(07) 3245 3255
131126	Emergency co-ordinator	0405358685
July 2011	Supersedes Issue Date	July 2006

The MSDS is valid for five years from date of issue but may be withdrawn and revised at any time prior to that date. All information contained in the Data Sheet is as accurate as possible at the time of issue. It is meant to describe the safety requirements of our products and should not be construed as guaranteeing specific properties. As per the Worksafe Guidance Note NOHSC 3017, each user should review the information in the specific context of the intended application. No expressed or implied warranties nor any responsibility for damages resulting from use of the information are given other than those implied mandatory by Commonwealth, State or Territory Legislation. If this product is to be re-packaged by others, it will be necessary for a new MSDS to be generated by the re-packer.