



SAFETY DATA SHEET
“Magic Stainless Steel Cleaner & Protector”

SECTION 1 – PRODUCT IDENTIFICATION			
Product Name:	Magic Stainless Steel Cleaner & Protector		
Other Name:	Stainless Steel Magic		
Distributor:	Rubbedin Pty Ltd		
Address:	Unit 1/43 Neumann Road Capalaba QLD 4157		
Regular Phone No:	(07) 3245 3255	FAX:	(07) 3245 2554
Emergency Phone No:	0405358685	Email:	info@rubbedin.com.au
Substance:	Hydrocarbon based liquid	Product Use:	Polishing liquid for stainless steel surfaces.
Product Code:	19-00		

SECTION 2 – HAZARDS IDENTIFICATION	
Classification of the substance or mixture	
SUSMP Poisons Schedule	This product is classified as a Scheduled Poison according to the SUSMP.
Dangerous Goods	This product is NOT classified as Dangerous Goods according to the Australian Dangerous Goods (ADG) Code.
GHS Classification	Aspiration Hazard – Category 1
Label elements	
GHS label pictograms	Health Hazard
Signal word	DANGER
Hazard statement(s)	
	May be fatal if swallowed and enters airways.
Precautionary statement(s): General	
	Keep out of reach of children. In emergencies call 000
Precautionary statement(s): Prevention	
	Keep away from heat/sparks/open flames/hot surfaces – No smoking. Wear protective clothing, eye and face protection.
Precautionary statement(s): Response	
	IF SWALLOWED: Immediately call a Poison Center or doctor. Rinse mouth.
Precautionary statement(s): Storage	
	Store locked up and in accordance with local regulatory requirements.
Precautionary statement(s): Disposal	
	Dispose of contents/container in accordance with local regulations.
Note	
IMPORTANT	This SDS and the Hazard Classifications contained therein, only apply to the product in its concentrated form, as supplied. Good hygiene and housekeeping practices should be adhered to.

SECTION 3 – INGREDIENTS		
Ingredients:	CAS Number:	Proportion:
Distillates (petroleum), hydro treated middle - refined	64742-46-7	>60% w/w
Ingredients not classified as hazardous at the concentrations used (to 100%)	Various	to 100% w/w



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NOTE: Ingredients determined not to be hazardous are present in concentrations that do not exceed the relevant cut-off concentrations as found from NOHSC publication “List of Designated Hazardous Substances” or have been found NOT to meet the criteria of a hazardous substance as defined in the NOHSC publication “Approved Criteria for Classifying Hazardous Substances”, or have been found NOT to meet the criteria of a dangerous substance as defined in the GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS), 4th edition United Nations 2011. Listed ingredients may be below the cut-off concentrations for classification as hazardous, but are listed for information purposes and for additive effects.

SECTION 4 - EMERGENCY AND FIRST AID PROCEDURES

Scheduled Poisons	Poisons Information Centre in each Australian State capital city or in Christchurch, New Zealand can provide additional assistance for scheduled poisons. (Phone Australia 131126 or New Zealand 0800 764 766).
First Aid Facilities	Normal washroom facilities.
Skin contact	Wash skin with plenty of water. Remove contaminated clothing and wash before re-use. Seek medical advice (e.g. doctor) if irritation, burning or redness develops.
Eye contact	Immediately irrigate with water for at least 15 minutes. Eyelids to be held open. Seek medical advice (e.g. ophthalmologist) if any irritation persists.
Ingestion	Do NOT induce vomiting. Rinse mouth thoroughly with water immediately. Give water to drink. If vomiting occurs, give further water to achieve effective dilution. Seek medical advice (e.g. doctor).
Inhalation	Remove victim to fresh air away from exposure - avoid becoming a casualty. Seek medical advice (e.g. doctor) if symptoms persist.
Advice to Doctor	Treat symptomatically. All treatments should be based on observed signs and symptoms of distress of the patient.
Aggravated Medical Conditions	None known.

SECTION 5 – FIRE FIGHTING MEASURES

Fire and Explosion Hazards	C1 Combustible Liquid
Extinguishing Media	Foam, dry agent (carbon dioxide, dry chemical powder).
Fire Fighting	On burning will emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing.
Flash Point	> 130°C

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Emergency Procedures	No HAZCHEM code.
Occupational Release	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.




SECTION 7 – HANDLING AND STORAGE

Handling	Avoid skin and eye contact and breathing in vapour. Avoid contact with incompatible materials. When handling, DO NOT eat, drink or smoke. Keep containers closed at all times. Avoid physical damage to containers. Always wash hands with water after handling.
Storage	Store in a cool, dry, place with good ventilation. Avoid storing in aluminum and light alloy containers. Store away from incompatible materials (Section 10). Keep containers closed at all times – check regularly for leaks. 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.



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SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION	
Exposure Limits	No value assigned for this specific material by Safe Work Australia. However for the hydrocarbon constituent, supplier recommends: TWA = 152 ppm (1200 mg/m ³) 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 Controls	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 Protective Equipment	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.
Eye Protection 	Wear safety glasses and impervious gloves. The use of safety glasses with side shield protection, goggles or face shield is recommended to handle in quantity, cleaning up spills, decanting, etc. Contact lenses pose a special hazard ; soft lenses may absorb irritants and all lenses concentrate them.
Skin Protection  	Overalls, work boots and elbow length gloves are recommended for handling the concentrated product (as per AS/NZS 2161, or as recommended by supplier) to handle in quantity, cleaning up spills, decanting, etc.
Protective Material Types	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.
Respirator	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.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES			
Physical State	Liquid	Colour	Clear
Odour	Lemon	Specific Gravity	0.815 -0.830 @ 25 °C
Boiling Point	Not determined	Freezing Point	<0°C
Vapour Pressure	Not available	Vapour Density	>1
Flash Point	>130°C	Flammable Limits	None
Water Solubility	Immiscible with water	pH	Not applicable
Volatile Organic Compounds (VOC)	Not available	Coefficient of Water/Oil Distribution	Not available
Viscosity	Not available	Odour Threshold	Not available
Evaporation Rate	(nButyl Acetate=1) approx. 0.1	Per Cent Volatile	Ca 90 % v/v



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SECTION 10 – STABILITY AND REACTIVITY	
Chemical Stability	Stable under normal conditions
Conditions to Avoid	Oxidising agents, extremes in temperature, sparks open flame.
Incompatible Materials	Oxidising agents, sparks open flame.
Hazardous Decomposition	Toxic fumes of carbon oxides on combustion or oxidation.
Hazardous Reactions	None known.

SECTION 11 – TOXICOLOGICAL INFORMATION	
POTENTIAL HEALTH EFFECTS	
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:	
Ingestion	
short term exposure	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.
long term exposure	No information available.
Skin contact	
short term exposure	May have a degreasing action on the skin. Prolonged or repeated exposure can lead to dermatitis in sensitive individuals.
long term exposure	Prolonged and repeated skin contact with undiluted solutions may induce eczematoid dermatitis.
Eye contact	
short term exposure	Eye contact may cause stinging, blurring, tearing, pain.
long term exposure	No information available.
Inhalation	
short term exposure	Not expected to be a respiratory irritant. Breathing in high concentrations can produce central nervous system depression.
long term exposure	No information available.
Carcinogen Status	
SWA	No significant ingredient is classified as carcinogenic by SWA.
NTP	No significant ingredient is classified as carcinogenic by NTP.
IARC	No significant ingredient is classified as carcinogenic by IARC.
Respiratory Sensitisation	Not expected to be a respiratory sensitizer.
Skin Sensitisation	Not expected to be a skin sensitizer.
Germ cell mutagenicity	Not considered to be a mutagenic hazard.
Reproductive Toxicity	Not considered to be toxic to reproduction.
STOT-single exposure	Not expected to cause toxicity to a specific target organ.
STOT-repeated exposure	Not expected to cause toxicity to a specific target organ.
Aspiration Hazard	Aspiration into lungs when swallowed or vomited may cause chemical pneumonitis. Can result in nausea, vomiting and central nervous system depression.

SECTION 12 – ECOLOGICAL INFORMATION	
Eco-toxicity Product (as sold)	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
Persistence and	Expected to be biodegradable. Degrades rapidly in air by photo-chemical means.



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degradability	
Bio accumulative potential	No data.
Mobility in soil	Floats on water. Adsorbs to soil and has low mobility.
Other adverse effects	None available for specific product.
Environmental Protection	Expected to be harmful to aquatic species. Product miscible in all proportions with water. As with any chemical product, do not discharge BULK quantities into drains, waterways, sewer or environment. Inform local authorities if this occurs.

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal	Dispose of material according to Local Authority Regulations or through a licensed waste contractor.
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SECTION 14 – TRANSPORT INFORMATION

Labels Required			
ADG	Not currently classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.		
IMDG Marine Pollutant	No		
HAZCHEM	None allocated		
Land Transport (ADG)			
UN Number	none allocated	ADG Classification	none allocated
Shipping Name	none allocated	ADG Subsidiary Risk	none allocated
Hazchem Code	none allocated	Packing Group	none allocated
Packaging Method	none allocated	Special Provisions	none allocated
Segregation	none allocated		

SECTION 15 – REGULATORY INFORMATION

GHS Classification	This product is classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.
SUSMP	This product is classified as a Schedule 5 Poison according to the SUSMP.
ADG Code	This product is NOT classified as Dangerous Goods according to the Australian Dangerous Goods Code.
AICS	All ingredients present on AICS.

SECTION 16 – OTHER INFORMATION

Issue Date	30th November 2016
Version Number	V 3.0
Abbreviations and acronyms	<p>ADG Code: Australian Code for the Transport of Dangerous Goods by Road and Rail.</p> <p>AICS: Australian Inventory of Chemical Substances.</p> <p>CAS Number: Chemical Abstracts Service Registry Number.</p> <p>GHS: Globally Harmonized System of Classification and Labelling of Chemicals</p> <p>HAZCHEM: An emergency action code of numbers and letters which gives information to emergency services.</p> <p>HSIS: Hazardous Substances Information System</p> <p>IARC: International Agency for Research on Cancer.</p> <p>NOHSC: National Occupational Health and Safety Commission.</p> <p>NTP: National Toxicology Program (USA).</p> <p>SDS: Safety Data Sheet</p>



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	<p>STEL: Short Term Exposure Limit.</p> <p>SUSMP: Standard for the Uniform Scheduling of Medicines and Poisons.</p> <p>TWA: Time Weighted Average.</p> <p>UN Number: United Nations Number.</p>
Literature references	<p>Preparation of Safety Data Sheets for Hazardous Chemicals – Code of Practice (Safe Work Australia)</p> <p>GHS Hazardous Chemical Information List (Safe Work Australia)</p> <p>Guidance on the Classification of Hazardous Chemicals under the WHS Regulations.</p> <p>Global Harmonized System of Classification and Labelling of Chemicals (GHS)</p> <p>“Australian Exposure Standards”. Safework Australia</p> <p>Australian Code For The Transport Of Dangerous Goods By Road And Rail</p> <p>Standard for the Uniform Scheduling of Medicines and Poisons</p> <p>Material Safety Data Sheets – individual raw materials – Suppliers</p> <p>HSIS – Hazardous Substance Information System – National Safe Work Australia Data Base.</p> <p>HCIS – Hazardous Chemical Information System – National Safe Work Australia Data Base.</p>
<p>This SDS summarizes at the date of issue our best knowledge of the health and safety hazard information of this product, and in particular how to safely handle and use this product in the workplace. Since the supplier cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this SDS in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this supplier.</p> <p>The SDS 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. 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 SDS to be generated by the re-packer.</p>	
<p>End of SDS</p>	