



RUBBEDIN PTY LTD
MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT IDENTIFICATION

Product Name: WASHING MACHINE MAGIC - INDUSTRIAL STRENGTH

Other Names:

Manufacturer's Product Code:

Distributor: Rubbedin
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

- This material is classified as **non-hazardous** according to criteria of NOHSC.
- This product is **NOT classified as Dangerous Goods** according to the Australian Dangerous Goods (ADG) Code.
- This product is **classified as a Scheduled 6 Poison** according to the SUSDP.

Approved Criteria

Classification	Not hazardous	ADG Classification	none allocated
UN Number	none allocated	ADG Subsidiary	none allocated
Shipping Name	none allocated	Risk	none allocated
Hazchem Code	none allocated	Packing Group	none allocated
SUSDP Classification	S6 POISON		

EMERGENCY OVERVIEW

Colour	white	Odour	Fragrant
Physical Description	Uniform granules	Viscosity	solid
Major Health Hazards	None known		

SECTION 3 – INGREDIENTS

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".

Ingredients:	CAS Number:	Proportion:	Exposure Standards TWA	Exposure Standards STEL
Sulfamic acid	5329-14-6	10 - 30 % w/w	not set	not set
Citric acid	77-92-9	10 - 30 % w/w	1 mg/m ³	2 mg/m ³
Ingredients determined to be non-hazardous	Various	30 - 60 % w/w	not set	not set

The **TWA** exposure value is the Time Weighted Average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The **STEL** (Short Term Exposure Limit) is an exposure value that should not be exceeded for more than 15 minutes and should not be repeated for more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak" is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.



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SECTION 4 – FIRST AID MEASURES

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 copious quantities of water for at least 20 minutes. Eyelids to be held open. Seek medical advice (e.g. ophthalmologist).
Ingestion	Do NOT induce vomiting. Do NOT attempt to give anything by mouth to an unconscious person. 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. Obtain medical attention if symptoms occur.
Advice to Doctor	Treat symptomatically. All treatments should be based on observed signs and symptoms of distress of the patient. Poisons Information Centre in each Australian State capital city or in Christchurch, New Zealand can provide additional assistance for scheduled poisons.
Aggravated Medical Conditions	None known.

SECTION 5 – FIRE AND EXPLOSION DATA

Fire and Explosion Hazards	Not combustible. However if involved in a fire will emit toxic fumes.
Extinguishing Media	Use an extinguishing media suitable for surrounding fires.
Fire Fighting	Keep containers exposed to extreme heat cool with water spray. Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of combustion or decomposition. Evacuate area - move upwind of fire.
Flash Point	None – does not support combustion.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Emergency Procedures	No HAZCHEM code.
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Occupational Release Minor spills do not normally need any special clean-up measures. In the event of a major spill, prevent spillage from entering drains or water courses. Wear protective equipment to prevent skin and eye contact and breathing in dust. Work up wind or increase ventilation. Cover with damp absorbent (inert material, sand or soil). Sweep or vacuum up, but avoid generating dust. Collect and seal in properly labelled containers or drums for disposal. Wash area down with excess water.

Waste Disposal: Refer to State Land Waste Management Authority.

SECTION 7 HANDLING AND STORAGE

Handling 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 aluminium and light alloy containers. Store away from incompatible materials (Section 10). Keep containers closed at all times – check regularly for leaks.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits National Occupational Exposure Limits, as published by National Occupational Health & Safety Commission:
Time-weighted Average (TWA): None established for specific product.
See **SECTION 3** for Exposure Limits of individual ingredients.
Short Term Exposure Limit (STEL): None established for specific product.
See **SECTION 3** for Exposure Limits of individual ingredients.
Nuisance dust: 8hr TWA = 10 mg/m³ as published by the National Occupational Health and Safety Commission.

Biological Limit Value None established for product.
Engineering Controls Ensure ventilation is adequate to maintain air concentrations below exposure standards. Avoid generating dusts or mists of the product. Use only in a well-ventilated area.

Personal Protective Equipment This product is not classified as hazardous according to the criteria of Worksafe Australia. 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. The following protective equipment should be available;

Eye Protection Generally not required to handle the product as per label directions however, eye protection is recommended.
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.





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Skin Protection



Generally not required to handle the product as per label directions - wear gloves for sensitive skin.

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

Material suitable for detergent contact – Butyl rubber, Natural Latex, Neoprene, PVC, and Nitrile.

Respirator

Not required for normal cleaning operations. If dust exists, wear dust mask/respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State	powder	Colour	white
Odour	fragrant odour	Specific Gravity	1.0 @ 25 °C
Boiling Point	Not available	Freezing Point	Not available
Vapour Pressure	Not available	Vapour Density	Not available
Flash Point	Not flammable	Flammable Limits	None
Water Solubility	Miscible in all proportions	pH	1.5 – 2.0 @ 1% sol'n
Volatile Organic Compounds (VOC)	0 % v/v	Coefficient of Water/Oil Distribution	Not available
Viscosity	solid	Odour Threshold	Not available
Evaporation Rate	Not available	Per Cent Volatile	Ca 4 % v/v

SECTION 10 – STABILITY AND REACTIVITY DATA

Chemical Stability	Stable at normal temperatures and pressure.
Conditions to Avoid	Moisture – keep container closed.
Incompatible Materials	Alkalis.
Hazardous Decomposition Products	Product can decompose on combustion (burning) to form Carbon Monoxide, Carbon Dioxide, and other possibly toxic gases and vapours.
Hazardous Reactions	None known.

SECTION 11 - TOXICOLOGICAL INFORMATION

PRODUCT MIXTURE INFORMATION

Local Effects May be an irritant: eye, skin, inhalation and ingestion.

Target Organs None known.

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 Ingestion of large amounts may irritate the gastric tract causing nausea and vomiting.

long term exposure No information available.

Skin contact

short term exposure Contact with skin may result in irritation.



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long term exposure	No known effects.
Eye contact	
short term exposure	Eye contact may cause mild stinging, blurring, tearing.
long term exposure	No information available.
Inhalation	
short term exposure	Breathing in dust may result in respiratory irritation.
long term exposure	No information available.
Carcinogen Status	
NOHSC	No significant ingredient is classified as carcinogenic by NOHSC.
NTP	No significant ingredient is classified as carcinogenic by NTP.
IARC	No significant ingredient is classified as carcinogenic by IARC.
Medical conditions	
aggravated by exposure	No information available.
CLASSIFICATION OF INDIVIDUAL INGREDIENTS	
NOTE : This information relates to each individual ingredient, when evaluated as pure undiluted chemical.	
See SECTION 3 for actual proportions of ingredients present in this product.	
Ingredients	R-Phrases.
Sulfamic acid	R36/38 (IRRITANT) when >20%
Non hazardous ingredients to 100%	None allocated
100% Sulfamic acid	
Irritation Data	Causes skin irritation. May cause redness and pain. Severe burns may occur. Destructive to tissues of the mucous membranes and upper respiratory tract. Symptoms may include burning sensation and irritation symptoms in the respiratory tract, coughing, wheezing, laryngitis, dyspnoea, headache, nausea and vomiting. Inhalation may result in spasm, inflammation and edema of the larynx and bronchi, chemical pneumonitis, and pulmonary edema. Causes eye irritation. May cause blurred vision, redness, pain and severe tissue burns and eye damage.
Toxicity Data	Toxic by ingestion. May cause severe burns of the mouth, throat, and stomach leading to death. Causes irritations of mucous membranes in the mouth, pharynx, oesophagus, gastrointestinal tract. May cause sore throat, vomiting and diarrhea. LD50 oral (mus): 1312 mg/kg LD50 oral (rat): 3160 mg/kg
Local Effects	Corrosive and harmful: inhalation, skin, eye, ingestion
Chronic Toxicity	No available information.
Target Organs	Skin, mucous membranes, eyes.
Acute Toxicity	Slightly Toxic: ingestion
Reproductive Effects	No available information.
Mutagenic Data	No available information.
Carcinogenic Data	No available information.

SECTION 12 - ECOLOGICAL INFORMATION

Fish toxicity	None available for specific product. For ingredient: SULFAMIC ACID; Fish toxicity: P. promelas LC50: 70.3 mg/l/96 h.
Algae toxicity	None available.
Invertebrates toxicity	None available.
Toxicity to Bacteria	None available for specific product. For ingredient: SULFAMIC ACID; Bacterial toxicity: Ps. putida EC10 > 1000 mg/l/16 h.
OECD Biological degradation	Individual components stated to be biodegradable. Biological effects: Harmful effect on aquatic organisms -harmful effect due to pH shift.



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SECTION 13 - DISPOSAL CONSIDERATIONS

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

SECTION 14 TRANSPORT INFORMATION

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

AICS	All ingredients present on AICS.
Labeling Details	
HAZARD	Not hazardous
RISK PHRASES	None allocated
SAFETY PHRASES	None allocated
SUSDP	S6 POISON (SULFAMIC ACID >10%)
ADG Code	none allocated

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)] Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(1999)] Material Safety Data Sheets – individual raw materials – Suppliers. HSIS – Hazardous Substance Information System – National Worksafe Data Base.
Revision Information	New Issue to standard : 2nd Edition [NOHSC:2011(2003)].



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Note Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

Contact Point	Manager	Telephone	(07) 3245 3255
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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.