



LAKELAND & COMPANY MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT IDENTIFICATION

Product Name: SPA BATH MAGIC

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 **hazardous (IRRITANT)** 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 5 Poison** according to the SUSDP.

Approved Criteria Classification



Xi – Irritant
R36/38 – Irritating to eyes and skin.
S2 – Keep out of reach of children.
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 whenever possible).
S61- Avoid release to the environment. Refer to special instructions / safety data sheets.

UN Number	none allocated	ADG Classification	none allocated
		ADG Subsidiary	
Shipping Name	none allocated	Risk	none allocated
Hazchem Code	none allocated	Packing Group	none allocated
SUSDP Classification	S5 CAUTION		

EMERGENCY OVERVIEW

Colour	clear	Odour	Fragrant
Physical Description	liquid	Viscosity	non-viscous
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
Quaternary ammonium compounds	63449-41-2	< 10 % w/w	not set	not set
Ingredients determined to be non-hazardous	Various	< 10% w/w	not set	not set
Water	7732-18-5	> 60% w/w	not set	not set



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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.

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.
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. Cover with 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.






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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.
Biological Limit Value	None established for product.
Engineering Controls	Use only in a well-ventilated area.
Personal Protective Equipment	This product is 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	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	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.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State	liquid	Colour	clear
Odour	fragrant odour	Specific Gravity	1.0 @ 25 °C



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Boiling Point	Approximately 100 °C.	Freezing Point	Approximately 0 °C
Vapour Pressure	Not available	Vapour Density	Not available.
Flash Point	Not flammable	Flammable Limits	None
Water Solubility	Miscible in all proportions.	pH	6.5 – 7.5 neat
Volatile Organic Compounds (VOC)	0 % v/v	Coefficient of Water/Oil Distribution	Not available
Viscosity	Not available	Odour Threshold	Not available
Evaporation Rate	Not available	Per Cent Volatile	Ca 90 % v/v

SECTION 10 – STABILITY AND REACTIVITY DATA

Chemical Stability	Stable at normal temperatures and pressure.
Conditions to Avoid	Oxidising agents
Incompatible Materials	Anionic detergents cause inactivation of the germicide.
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 irritant: eye, skin, inhalation and ingestion.

Target Organs Eyes, mucous membranes, skin.

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 Harmful if swallowed. Ingestion of this product may cause nausea, vomiting, abdominal pain and irritation to the mouth, throat and stomach. May affect behavior (central nervous system depression, depression) and metabolism. May also affect the respiratory system and cardiovascular system, liver and kidneys.

long term exposure No information available.

Skin contact

short term exposure Mild irritant. Skin contact can cause redness, itching, irritation, if extended contact with concentrated product.

long term exposure Prolonged and repeated skin contact with undiluted solutions may induce eczematoid dermatitis.

Eye contact

short term exposure Eye contact will cause stinging, blurring, tearing, pain.

long term exposure No information available.

Inhalation

short term exposure Inhalation of mists or aerosols can produce mucous membrane and 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.



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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

Quaternary ammonium compounds
Non hazardous ingredients to 100%

R-Phrases.

R34, R21/22, R41
None allocated

100% QUATERNARY AMMONIUM COMPOUNDS

Irritation Data

Very hazardous in case of skin contact (irritant). Hazardous in case of skin contact (corrosive), of eye contact (corrosive), of inhalation (lung corrosive). Skin – moderate irritant (rabbit). Eyes – severe irritant (rabbit)

Toxicity Data

Acute oral toxicity (LD50): 240 mg/kg [Rat].

Local Effects

corrosive: inhalation, skin, eye.

Target Organs

May cause damage to the following organs: kidneys, liver, heart, gastrointestinal tract, cardiovascular system, central nervous system (CNS).

Acute Toxicity Level

No available information.

Reproductive Data

No available information.

Carcinogenicity

Not classed as a carcinogen by NOHSC.

SECTION 12 - ECOLOGICAL INFORMATION

Fish toxicity

None available for specific product.

Algae toxicity

None available for specific product.

Invertebrates toxicity

None available for specific product.

Toxicity to Bacteria

None available for specific product.

General

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.

OECD Biological degradation

Individual components stated to be biodegradable.

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.



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Labeling Details

HAZARD

RISK PHRASES

SAFETY PHRASES

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S2 – Keep out of reach of children.

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

S61- Avoid release to the environment. Refer to special instructions / safety data sheets.

SUSDP

S5 CAUTION

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)].

Note

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

Contact Point

Manager

Telephone

(07) 3245 3255

Issue Date

SEPT 2010

Supersedes Issue Date

April 2005

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.



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