

# Safety Data Sheet

## 1. IDENTIFICATION OF THE PRODUCT AND THE SUPPLIER

### 1.1 Product identifiers

Product name **AQUPOOL**

### 1.2 Other means of identification

None.

### 1.3 Recommended use of the product and restrictions on use

Recreational pool water application.

#### Details of supplier of the safety data sheet

Company : Mineralux Australia Pty Ltd  
Street address : Suite 1a Level 2 802-808 Pacific Hwy  
Gordon NSW 2072  
Telephone : 1800 888 180

### 1.4 Emergency telephone number

Telephone : 1800 888 180

## 2. HAZARDS IDENTIFICATION

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

Not classified as Hazardous according to the criteria of the Globally Harmonised System (GHS) of Classification and Labelling of Chemicals & Safe Work Australia; NON-HAZARDOUS.

### 2.1 GHS Classification

None

### 2.2 GHS Label elements, including precautionary statements

**Pictogram** : None

**Signal word** : None

**Hazard statement(s)** : None

#### Precautionary Statement(s)

#### Prevention

P102 Keep out of reach of children.  
P103 Read label before use.  
P261 Avoid breathing dust.  
P262 Do not get in eyes, on skin, or on clothing.  
P264 Wash hands thoroughly after handling.  
P281 Use personal protective equipment as required.

#### Response

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P332 + P313 If skin irritation occurs: Get medical advice/attention.  
P362 Take off contaminated clothing and wash before re-use.

#### Storage

P402 + P404 Store in a dry place. Store in a closed container.

**Disposal**

P501

Dispose of contents/container in accordance with the applicable federal, state and local laws and regulations.

**2.3 Other hazards**

None

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Component	CAS Number	Classification	Concentration (%)
Sodium Chloride	7647-14-5	-	70 – 80
Magnesium Chloride	7791-18-6	-	15 – 20
Components determined as non-Hazardous	-	-	Balance

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non-hazardous ingredients are also possible.

For the full text of the H-Statements mentioned in this section, see Section 16.

**4. FIRST AID MEASURES****4.1 Description of First Aid measures****General advice**

Contact the Poisons Information Centre (Phone: Australia 131 126; New Zealand 0800 764 766) or consult a doctor/physician. Show this safety data sheet to the doctor in attendance.

**If inhaled**

Inhalation of any vapours from this product is not likely to present an acute hazard

**In case of skin contact**

Remove contaminated clothing and shoes. Wash affected area with soap and plenty of water. If irritation persists, seek medical attention.

**In case of eye contact**

Immediately flush eyes with plenty of water for 15 minutes, holding eyelids open. If irritation persists, see doctor.

**If swallowed**

Rinse mouth thoroughly with water immediately. Give plenty of water to drink. Do not induce vomiting. Seek medical advice if effects persist.

**4.2 Most important symptoms and effects, both acute and delayed**

The most important known symptoms and effects are described in Section 2.2 and/or Section 11.

**4.3 Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**4.4 First Aid facilities**

Eye wash facilities and safety shower should be available.

**5. FIRE FIGHTING MEASURES****5.1 Suitable extinguishing media**

Non-flammable or combustible; however, if material is involved in a fire, use extinguishing media appropriate to surrounding fire conditions.

**5.2 Special hazards arising from the chemical**

Non-combustible material. Fire or heat will produce toxic and/or corrosive fumes, including chloride and sodium oxides.

**5.3 Special protective equipment and precautions for fire fighters**

Contain runoff from fire control or dilution water - Runoff may pollute waterways.

**5.4 Hazchem code**

Not applicable

**6. ACCIDENTAL RELEASE MEASURES****6.1 Personal precautions, protective equipment and emergency procedures**

Wear respiratory protection. Avoid inhalation, contact with skin, eyes and clothing. Slippery when spilt. Avoid accidents, clean up immediately. For personal protection see Section 8

**6.2 Environmental precautions**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided. If contamination of sewers or waterways has occurred, advise local emergency services. Observe all local and national regulations.

### 6.3 Methods and materials for containment and cleaning up

Slippery when spilt. Avoid accidents, clean up immediately. Eliminate all sources of ignition. Contain and sweep/shovel up spills with dust binding material or use an industrial vacuum cleaner. Avoid generating dust. Transfer to a suitable, labelled container and dispose of promptly

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Observe good personal hygiene practices and recommended procedures. Wash thoroughly after handling. Avoid contact with eyes, skin and clothing. Avoid breathing product dust. Under normal circumstances, protective wear is not required, however under very dusty conditions a dust mask is recommended. Gloves, goggles, etc may be used for comfort.

### 7.2 Conditions for safe storage, including any incompatibilities

Store under cover in a cool, dry place at relative humidity below 75% to retard caking. Keep containers tightly closed when not in use. Protect against physical damage. Store away from incompatible materials as listed in Section 10.

This material is not classified as a Dangerous Goods by the criteria of the ADG.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

### 8.1 Control parameters - Occupational Exposure Limits

No exposure standard has been established for this product by the Australian Safety and Compensation Council (ASCC). However, workplace exposure standards for constituents;

Chemical Name	Reference	TWA – Peak Limitation		STEL		Carcinogen Category	Notices
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>		
Inspirable dust	ASCC		10			-	-
Respirable dust	ASCC		3				

As published in "Workplace Exposure Standards for Airborne Contaminants, December 2011" by SWA.

These Workplace 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 workplace 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.

#### Biological Limits

None allocated for this product.

### 8.2 Exposure controls

#### Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. If in the handling and application of this material, safe exposure levels could be exceeded, the use of engineering controls such as local exhaust ventilation must be considered and the results documented. If achieving safe exposure levels does not require engineering controls, then a detailed and documented risk assessment using the relevant Personal Protective Equipment (PPE) (refer to PPE section below) as a basis must be carried out to determine the minimum PPE requirements.

#### Personal protective equipment (PPE)

The selection of PPE is dependent on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods and environmental factors.

#### Eye/face protection

Safety glasses, splash goggles (AS/NZS 1336 & 1337).

#### Skin protection

Information available indicates that this product is not harmful and when used under normal circumstances no special skin protection is necessary. However, it is suggested that users avoid contact with all chemical products. Wear protective gloves (rubber or PVC) as appropriate for the risk of exposure (AS 2161 and AS/NZS 2210). Gloves must be inspected prior to use. Use proper

glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use. Wash and dry hands.

#### **Respiratory protection**

If there is a significant risk that dust is likely to build up in the area where the product is being used, use a suitable dust mask. Where risk assessment shows air-purifying respirators are appropriate use a P1 or P2 particulate respirator when handling this product (AS/NZS 1715 & 1716).

### **9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Form : Solid, powder Colour : White
<b>Odour:</b>	None
<b>Odour Threshold:</b>	No data available
<b>pH:</b>	7 – 8 (5 % in water)
<b>Melting Point:</b>	No data available
<b>Boiling Point/Range:</b>	No data available
<b>Decomposition Temperature:</b>	No data available
<b>Evaporation Rate:</b>	No data available
<b>Flash Point:</b>	Not applicable
<b>Flammability Limits:</b>	Not applicable
<b>Specific Gravity:</b>	1.5 – 1.6
<b>Vapour Density (air=1):</b>	No data available
<b>Vapour Pressure:</b>	No data available
<b>% Volatiles:</b>	No data available
<b>Solubility:</b>	Highly soluble in water.
<b>Viscosity:</b>	No data available

### **10. STABILITY AND REACTIVITY**

#### **10.1 Reactivity**

Reacts with strong oxidising agents.

#### **10.2 Chemical stability**

Stable under recommended storage conditions.

#### **10.3 Possibility of hazardous reactions**

Reactive with moisture. Hazardous polymerisation will not occur.

#### **10.4 Conditions to avoid**

Keep away from heat and sources of ignition. Protect from moisture. Avoid dust generation. Avoid exposure to direct sunlight. Avoid contact with acids.

#### **10.5 Incompatible materials**

Incompatible with strong oxidising agents.

#### **10.6 Hazardous decomposition products**

Oxides of magnesium. Oxides of boron. Oxides of sodium. Oxides of chloride.

### **11. TOXICOLOGICAL INFORMATION**

#### **11.1 Information on toxicological effects**

##### **Acute toxicity**

No data available.

##### **Skin corrosion/irritation**

No data available.

##### **Serious eye damage/eye irritation**

No data available.

**Respiratory or skin sensitisation**

No data available.

**Carcinogenicity**

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC.

**Reproductive toxicity**

No data available.

**Specific target organ toxicity (STOT) - single exposure**

No data available.

**Specific target organ toxicity (STOT) - repeated exposure**

No data available

**Aspiration hazard**

No data available

**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:

**Eye contact:** May cause irritation, redness, pain and conjunctivitis.

**Skin contact:** Contact may cause irritation and/or dermatitis.

**Ingestion:** May cause irritation and digestive discomfort. Symptoms include nausea and vomiting.

**Inhalation:** May cause mucous membrane irritation and coughing.

**11.2 Information on possible routes of exposure**

The substance can be absorbed into the body by inhalation of its dust, ingestion, skin and/or eye contact.

**11.3 Additional Information**

RTECS: Not available

**12. ECOLOGICAL INFORMATION****12.1 Ecotoxicity**

Avoid contaminating waterways.

**12.2 Persistence and degradability**

No data available

**12.3 Bioaccumulative potential**

No data available.

**12.4 Mobility in soil**

No data available.

**12.5 Other adverse effects**

No data available.

**13. DISPOSAL CONSIDERATIONS****13.1 Disposal methods and containers**

Dispose of in accordance with all local, state and federal regulations. All empty packaging should be disposed of in accordance with Local, State, and Federal Regulations or recycled/reconditioned at an approved facility.

**13.3 Special precautions for landfill or incineration**

Contact a specialist disposal company or the local waste regulator for advice.

**14. TRANSPORT INFORMATION**

Classified as **NON-DANGEROUS GOODS** by the criteria of the ADG Code for transport by road or rail.

Classified as **NON-DANGEROUS GOODS** by the criteria of the IMDG Code for transport by sea.

Classified as **NON-DANGEROUS GOODS** by the criteria of the IATA Code for transport by air.

**14.1 UN number**

**ADG** : Not assigned

**IMDG** : Not assigned

**IATA** : Not assigned

14.2 Proper shipping name: Not assigned

## 15. REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations

#### Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

Not listed

#### Carcinogen classification under WHS Regulations 2011, Schedule 10

Not listed

#### Notification status

AICS On the inventory, or in compliance with the inventory.

## 16. OTHER INFORMATION

### Key / legend to abbreviations and acronyms used in the MSDS

ADG	Australian Dangerous Goods
ASCC	Australian Safety and Compensation Council
DEC	Department of Environment and Conservation
GHS	Globally Harmonised System of Classification & Labelling of Chemicals
NOHSC	National Occupational Health and Safety Commission
RTECS	Registry of Toxic Effects of Chemical Substances.
SUSDP	Standard for the Uniform Scheduling of Drugs and Poisons
TWA	Time weighted average
STEL	Short term exposure level
SWA	Safe Work Australia
Peak Limitations	A ceiling concentration that should not be exceeded over a measurement period, which should be as short as possible, but not exceeding 15 minutes
LD <sub>50</sub>	Lethal dose 50. The single dose of a substance that causes the death of 50% of an animal population from exposure to the substance by any route other than inhalation
TD Lo	The lowest dose of a substance known to have produced signs of toxicity
RTECS	Registry of Toxic Effects of Chemical Substances
g/L	Grams per litre
g/cm <sup>3</sup>	Grams per cubic centimetre
mg/m <sup>3</sup>	Milligrams per cubic metre
mg/kg	Milligrams per kilogram
pH	Relates to hydrogen ion concentration - this value will relate to a scale of 0 - 14, where 0 is highly acidic and 14 is highly alkaline
WHS	Work Health and Safety

### Literature references

"Workplace Exposure Standards for Airborne Contaminants, December 2011" by SWA Work Health and Safety Regulations 2011

"Registry of Toxic Effects of Chemical Substances". Ed. D. Sweet, US Dept. of Health & Human Services: Cincinnati, 2012.

### Reason(s) for Issue:

Issue of SDS

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