

POOL SYSTEMS
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MATERIAL SAFETY DATA SHEET

Not classified as hazardous according to criteria of Worksafe Australia

Date of Issue : 1st January 2012

IDENTIFICATION

Product Name: LIFE SPA & HOT TUB ESSENTIALS – ANTI FOAM

Other Names: Silicone emulsion

Manufacturers Product Code: 1103903

UN No: None allocated

Dangerous Goods Class: Non Allocated

NA: Non Allocated

Hazchem Code: NA

Poisons Schedule No: None Allocated

Use: Antifoam

Physical Description/Properties

Appearance: Liquid, white, some odour

Boling Point: Not Available

Melting Point: Not Relevant

Vapour Pressure: Not Available

Specific Gravity @ 25C: 1.00

Flash Point: >101.10 Degree C

Flammability Limits in Air: Not Available

Solubility in Water: Not Available

Volatile content: 89.00

Other Properties

Viscosity: 800.00CP

Vapour Density: Not Available

PH: Not Relevant

Autoignition Temperature: Not Available

The above information is not intended for use in preparing product specification.

Ingredients

Chemical Name: Polydimethylsiloxane	Cas No. : 063148629	Proportion %: <10
Water	007732185	>60

HEALTH HAZARD INFORMATION

Health Effects

Acute

Swallowed: Small amounts transferred to the mouth by fingers during use etc, should not injure. Swallowing large amounts may cause digestive discomfort.

Eye: Direct eye contact may cause temporary discomfort with mild redness and dryness similar to wing burn.

Skin: A single prolonged exposure (24 to 48 hours) causes no known adverse effect.

Inhaled: No irritation to eyes and respiratory passages. No injury is likely from relatively short exposures of less than 6 hours.

Chronic

Swallowed: None known

Skin: None known

Inhaled: None known

This material contains the following components with the special hazards listed below.

Carcinogens, Teratogens, Mutagens, Reproductive Toxins, Sensitizers: None Known

First Aid

Swallowed: No First aid should be needed.

Eye: Immediately flush with water

Pool Systems – Anti Foam

Skin: No First aid should be needed.

Inhaled: No First aid should be needed.

Comments: Treat symptomatically

PRECAUTIONS FOR USE

Exposure Standards

Ingredient: None Known

Comments: None

Engineering Controls

Local exhaust: None should be needed

General Ventilation: Recommended

Personal Protection

Respirator Type: None should be needed.

Glove Type: No special protection needed.

Eye: Use proper protection – safety glasses as a minimum.

Clothing: No special protective clothing is needed.

Other

Skin: Washing at mealtime and end of shift is adequate

Inhalation: No respiratory protection should be needed.

Precautions: Avoid eye contact. Use reasonable care.

Note: These precautions are for room temperature handling. Use at elevated temperature or aerosol spray applications may require added precautions.

Flammability

Fire Hazards: None

Unusual Fire Hazards: None

SAFE HANDLING INFORMATION

Storage and Transport

Pool Systems – Anti Foam

Local exhaust: None should be needed

General Ventilation: Recommended

Dangerous Goods Class: None Allocated **Packing Group:** NA

Incompatibility: Oxidising material can cause a reaction.

Hazardous Polymerization; Hazardous polymerisation will not occur.

Handling: No special precautions

Storage: No special precautions. Use reasonable care

Conditions to avoid: None known

Comments: None

Spills and Disposal

Disposal of collected product, residues, and cleanup materials may be governmentally regulated. Observe all applicable local, state, and federal waste management regulations. Clean up remaining materials from spill with suitable absorbant. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean area as appropriate since some silicone materials, even in small quantities may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Observe all personal protection equipment recommendations. Local, state and federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the clean up of releases. You will need to determine which federal, state and local laws and regulations are applicable.

Spill Protection Equipment

Eye: Use proper protection – safety glasses as s minimum.

Skin: Washing at mealtime and end of shift is adequate

Inhalation: No respiratory protection should be needed

Precautions: Avoid eye contact. Use reasonable care.

Waste Disposal Method: Consult all local, state and federal regulations.

Fire/Explosion Hazard

Hazardous Decomposition Products: Silicon dioxide. Carbon oxides and traces of incompletely burned carbon compounds. Formaldehyde.

Extinguishing Media: carbon Dioxide (CO₂). Water spray. Dry chemical. Foam. Water can be used to cool fire exposed containers.

Fire Fighting Procedures: Self contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals.

Incompatibility (material to Avoid): Oxidizing material can cause a reaction.

Pool Systems – Anti Foam

Hazardous Polymerization: Will not occur.

Stability: Stable

Hazchem: NA

ontact Points

Organisation	Location	Telephone	Ask For
Pool Systems	Brendale Q	07 3889 6722	Technical Officer
Poisons Information Centre	Westmead	131129	
		1800-251525	