

Revision Date 07-Jun-2016

Version 2

SECTION 1: IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

Product identifier

Product Name Swirl Away Pipe Cleaner

Product Code A-0910

Other means of identification

Recommended use of the chemical and restrictions on use

Recommended Use Spa Product. Swimming Pool Product

Uses advised against No information available

Details of manufacturer or importer

Supplier

BIOLAB AUSTRALIA PTY LTD
86 King William Road
Goodwood, SA 5034, Australia
Telephone: +61 (8) 8274 6800 Fax: +61 (8) 8271 0612

For further information, please contact

Contact Point Customer Service: 1800 635 743 (AU)

Emergency telephone number

Emergency telephone number In an Emergency: Dial 000 (AU)
For SPECIALIST advice in an EMERGENCY ONLY phone CHEMCALL - FREE CALL ALL HOURS: AU 1800 127 406

SECTION 2: HAZARD(S) IDENTIFICATION

Classified as a hazardous substance in accordance with the criteria of Safe Work Australia - Globally Harmonised System (GHS)

GHS - Classification

Acute aquatic toxicity	Category 3 - (H402)
Chronic aquatic toxicity	Category 3 - (H412)

Label elements

Hazard statements

H412 - Harmful to aquatic life with long lasting effects

Precautionary Statements - Prevention

Avoid release to the environment
Wear protective gloves

Precautionary Statements - Storage

Store in a closed container

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other hazards

No information available

SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS, IN ACCORDANCE WITH SCHEDULE 8

Substance

Chemical Name	CAS No	Weight-%
dodecylbenzenesulphonic acid	27176-87-0	<5
pentasodium triphosphate	7758-29-4	<5

Non-hazardous ingredients

Proprietary
Balance

SECTION 4: FIRST AID MEASURES

Description of first aid measures

Inhalation	Move to fresh air in case of accidental inhalation of vapours or decomposition products. If symptoms persist, call a doctor.
Skin contact	Take off contaminated clothing. Shower and wash with soap and water. If symptoms persist, call a doctor.
Eye contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. (Get medical attention immediately if irritation persists.)
Ingestion	Clean mouth with water and drink afterwards plenty of water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

Note to doctors Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

Suitable Extinguishing Media

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

No information available

Specific hazards arising from the chemical

Thermal decomposition can lead to release of irritating and toxic gases and vapours

Special protective actions for fire-fighters

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures**Personal precautions**

Ensure adequate ventilation, especially in confined areas.

For emergency responders

Use personal protection recommended in Section 8.

Environmental precautions

See Section 12 for additional ecological information.

Methods and material for containment and cleaning up**Methods for containment**

Prevent further leakage or spillage if safe to do so.

Methods for cleaning up

Wipe up with absorbent material (e.g. cloth, fleece). Keep in suitable, closed containers for disposal.

Precautions to prevent secondary hazards**Prevention of secondary hazards**

Clean contaminated objects and areas thoroughly observing environmental regulations.

Reference to other sections

No information available.

SECTION 7: HANDLING AND STORAGE, INCLUDING HOW THE CHEMICAL MAY BE SAFELY USED

Precautions for safe handling**Advice on safe handling**

Avoid contact with skin, eyes or clothing.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities**Storage Conditions**

Keep container tightly closed in a dry and well-ventilated place.

Incompatible materials

None known based on information supplied.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control parameters**Exposure Limits**

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls**Engineering Controls**

Ensure adequate ventilation, especially in confined areas.

Individual protection measures, such as personal protective equipment

Eye/face protection	Tight sealing safety goggles. Eye wash bottle with pure water.
Hand Protection	polyvinyl alcohol or nitrite-butyl-rubber gloves. Before removing gloves clean them with soap and water.
Skin and body protection	Suitable protective clothing. Choose body protection according to the amount and concentration of the dangerous substance at work.
Environmental exposure controls	No information available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties**

Physical state	liquid	Odour	Pleasant
Appearance	clear	Odour threshold	No information available
Colour	blue		
Property	Values	Remarks • Method	
pH	10.4-10.6		
Melting point/freezing point	-5 °C / 23 °F		
Boiling point / boiling range	105 °C / 221 °F		
Flash point		No information available	
Evaporation rate		No information available	
Flammability (solid, gas)		No information available	
Flammability Limit in Air			
Upper flammability limit:	Not information available		
Lower flammability limit:	No information available		
Vapour pressure	22.665 hPa		
Vapour density		No information available	
Specific Gravity	1.01		
Water solubility		No information available	
Solubility(ies)		No information available	
Partition coefficient		No information available	
Autoignition temperature		No information available	
Decomposition temperature		No information available	
Kinematic viscosity		No information available	
Dynamic viscosity			
Explosive properties	No information available		
Oxidising properties	No information available		
Other Information			
VOC Content (%)	No information available		
Bulk density	No information available		

SECTION 10: STABILITY AND REACTIVITY**Reactivity**

No data available.

Chemical stability

Stable under normal conditions.

Explosion data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Possibility of Hazardous Reactions

Possibility of Hazardous Reactions

None under normal processing.

Conditions to avoid

No information available.

Incompatible materials

No information available.

Hazardous Decomposition Products

sodium oxides. Sulphur oxides. Carbon oxides. Hydrogen halides.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity

Information on likely routes of exposure

Product Information

Inhalation	May cause irritation of respiratory tract.
Eye contact	May cause irritation.
Skin contact	May cause irritation.
Ingestion	No data available.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 26,087.00

0% of the mixture consists of ingredient(s) of unknown toxicity

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
dodecylbenzenesulphonic acid	= 1260 mg/kg (Rat)	-	-
pentasodium triphosphate	= 3100 mg/kg (Rat)	> 7940 mg/kg (Rabbit)	-

See section 16 for terms and abbreviations

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation

No information available.

Serious eye damage/eye irritation

No information available.

Sensitisation

No information available.

Germ cell mutagenicity

No information available.

Carcinogenicity

No information available.

IARC (International Agency for
Research on Cancer)

Not classifiable as a human carcinogen

Reproductive toxicity

No information available.

STOT - single exposure

No information available.

STOT - repeated exposure

No information available.

Aspiration hazard

No information available.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

3.04 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Crustacea
dodecylbenzenesulphonic acid	29: 96 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50	10.8: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 static 3.5 - 10: 96 h <i>Brachydanio rerio</i> mg/L LC50 static	5.88: 48 h <i>Daphnia magna</i> mg/L EC50
pentasodium triphosphate	-	1650: 48 h <i>Leuciscus idus</i> mg/L LC50	-

Persistence and degradability

No information available.

Bioaccumulative potential

No information available.

Mobility

Mobility in soil

No information available.

Mobility

No information available.

Other adverse effects

No information available.

Endocrine Disruptor Information .

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste from residues/unused products

Disposal should be in accordance with applicable regional, national and local laws and regulations. Should not be released into the environment. Do not contaminate ponds, waterways or ditches with chemical or used container. The product should not be allowed to enter drains, water courses or the soil.

Contaminated packaging

Empty remaining contents. Refer to all federal, state and local regulations prior to disposal of container and unused contents by reuse, recycle or disposal. Do not re-use container.

SECTION 14: TRANSPORT INFORMATION

ADG Not regulated

IATA Not regulated

IMDG Not regulated

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
No information available

SECTION 15: REGULATORY INFORMATION

Regulatory information

National regulations

Australia

Classified as a hazardous substance in accordance with the criteria of Safe Work Australia - Globally Harmonised System (GHS)

See section 8 for national exposure control parameters

International Inventories

TSCA	Complies
NZIoC	Complies
AICS	Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

NZIoC - New Zealand Inventory of Chemicals

AICS - Australian Inventory of Chemical Substances

International Regulations

Ozone-depleting substances (ODS) Not applicable

Persistent Organic Pollutants Not applicable

Export Notification requirements Not applicable

SECTION 16: ANY OTHER RELEVANT INFORMATION

Revision Date 07-Jun-2016

Revision Note

The symbol (*) in the margin of this SDS indicates that this line has been revised.

Key or legend to abbreviations and acronyms used in the safety data sheet

Legend SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation
C	Carcinogen		

Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of Safety Data Sheet