



WATER CART ADDITIVE

SAFETY DATA SHEET

Boss Water Cart Additive SDS

February 2025

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SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

GHS IDENTIFIER	Boss Water Cart Additive		
PRODUCT (MATERIAL) NAME			
OTHER NAMES			
PROPER SHIPPING NAME			
RECOMMENDED USE	No Data Available		
SUPPLIER NAME/ADDRESS	Allcon Group Pty Ltd	18 John Hines Avenue, Minchinbury, NSW, 2770 50 Merrindale Drive Croydon South, VIC 3136	
TELEPHONE NUMBER	1300 255 266		
WEBSITE:	www.allcongroup.com.au		
EMERGENCY PHONE NUMBER	000	Hours: 6.30am - 4.30pm	Monday - Friday

SECTION 2 - HAZARDS IDENTIFICATION

HAZARD CLASSIFICATION OF MIXTURE	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. This material is NOT hazardous according to Safe Work Australia; NON-HAZARDOUS SUBSTANCE.
SUSMP SCHEDULE	Not Scheduled
HAZARD CATEGORY	Not available
PICTOGRAMS	Not available
SIGNAL WORD	None
HAZARD STATEMENTS	Not hazardous
PRECAUTIONARY STATEMENTS	
GENERAL	Not available
PREVENTION	Not available
RESPONSE	Not available
STORAGE	Not available
DISPOSAL	Not available
OTHER HAZARDS	Not available

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

MIXTURE

CHEMICAL IDENTITY OF INGREDIENTS	CAS NUMBER(S) FOR INGREDIENTS	PROPORTION OF INGREDIENTS	GHS HAZARD PHRASES
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If the sum of ingredients is less than 100%, the material consists of further ingredients determined not to be hazardous or below their cutoff limits.

SECTION 4 - FIRST AID MEASURES

For advice, contact a Poisons Information Centre (Phone Australia 131126: New Zealand 03 4747000 or a doctor)

Inhalation:	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Rinse mouth with water and blow nose. If respiratory symptoms persist, get medical advice/attention.
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Skin Contact:	IF ON SKIN: Flush skin with running water for 10 - 15 minutes. Take off contaminated clothing and wash before reuse. If skin irritation occurs, get medical advice/attention.
Eye Contact:	IF IN EYES: Immediately flush eyes with running water for several minutes, holding eyelids open and occasionally lifting the upper and lower lids. Remove contact lenses if present and easy to do. Continue rinsing for 10 - 15 minutes or until irritation subsides. If eye irritation persists, get medical advice/attention.
Ingestion:	IF SWALLOWED: Rinse mouth, then drink 1- 2 glasses of water. Get medical advice/attention if you feel unwell.
Indication of immediate medical attention and special treatment needed:	Treat symptomatically.

SECTION 5 - FIRE FIGHTING MEASURES

GENERAL MEASURES	If safe to do so, move undamaged containers from fire area. Cool containers with water spray until well after fire is out.
FLAMMABILITY CONDITIONS SUITABLE EXTINGUISHING MEDIA	Combustible material; May burn but does not ignite readily. Use dry chemical, Carbon dioxide (CO ₂), foam and water spray for extinction - Do not use water jets (may spread the fire).
SPECIFIC HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:	Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. Fire may produce irritating, toxic and/or corrosive fumes.
SPECIAL PROTECTIVE PRECAUTIONS AND EQUIPMENT FOR FIRE FIGHTERS	Contain runoff from fire control or dilution water - Runoff may pollute waterways. Wear self-contained breathing apparatus (SCBA) and chemical splash suit. SCBA and structural firefighter's uniform may provide limited protection.
<i>Additional information</i> HAZCHEM OR EMERGENCY ACTION CODE:	No Data Available

SECTION 6 - ACCIDENTAL RELEASE MEASURES

EMERGENCY PROCEDURES GENERAL RESPONSE	Ensure adequate ventilation. ELIMINATE all ignition sources. Do not touch or walk through spilled material. Avoid generating dust. Avoid breathing dust and contact with eyes, skin and clothing.
PERSONAL PRECAUTIONS /PROTECTIVE EQUIPMENT /METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:	Collect material (sweep or vacuum up) and place into suitable containers for possible reuse or disposal (see SECTION 13). Avoid dispersal of dust in the air (i.e. clearing dusty surfaces with compressed air). Non-sparking tools should be used. Stop leak if safe to do so – Prevent entry into waterways, drains or confined areas. Prevent dust cloud. Wash area down with excess water. Prevent entry into drains and waterways. Spill or leak area should be isolated immediately. Keep unauthorised personnel away. Use personal protective equipment as required (see SECTION 8).

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING	Safety showers and eyewash facilities should be provided within the immediate work area for emergency use. Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Minimise dust generation and accumulation.
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	Avoid breathing dust and contact with eyes, skin and clothing. Do not ingest. Use personal protective equipment as required (see SECTION 8). Dry powders can build static electricity charges when subjected to the friction of transfer and mixing operations. Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres.
CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:	Store in a cool, dry and well-ventilated area, out of direct sunlight. Keep container tightly closed. Keep away from heat and sources of ignition - No smoking. Keep away from incompatible materials (see SECTION 10).
CONTAINER	Keep in the original container.
PRECAUTIONS FOR ACTIVATION	No information available.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS:	No specific exposure standards are available for this product. For dusts from solid substances without specific occupational exposure standards: - Safe Work Australia Exposure Standard for Nuisance dusts: 8 hr TWA = 10 mg/m ³ (measured as inhalable dust). - New Zealand WES for Particulates not otherwise classified: TWA = 10 mg/m ³ ; TWA = 3 mg/m ³ (respirable dust). 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 LIMIT VALUES	No information available.
APPROPRIATE ENGINEERING CONTROLS:	A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.
INDIVIDUAL PROTECTION MEASURES, SUCH AS 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. Respiratory protection: Wear respiratory protection in case of inadequate ventilation or when performing dusty work. Recommended: Dust mask/particulate (P2) filter respirator (refer to AS/NZS 1715 & 1716). Eye/face protection: Wear appropriate eye protection to avoid eye contact. Recommended: Safety glasses or goggles. Hand protection: Handle with gloves. Recommended: Impervious gloves. Skin/body protection: Wear appropriate personal protective clothing to avoid skin contact. Recommended: Overalls, safety shoes. Do not eat, drink or smoke when using this product. Wash hands before breaks, before using restroom facilities and at the end of work. Take off contaminated clothing and wash before reuse.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Appearance:	Brownish free flowing opaque liquid
Flammability:	Combustible material; May burn but does not ignite readily.
Melting Point:	>130 °C
Boiling Point:	No Data Available

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Flash Point:	No Data Available
Decomposition Temperature	No Data Available
Vapour Pressure @ 21°C	No Data Available
Volatiles:	No Data Available
Vapour Density:	No Data Available
Flammability Limits:	No Data Available
Autoignition Temperature:	>150 °C
pH as received:	5-7
Specific Gravity:	No Data Available
Solubility in water:	No Data Available
Bulk Density:	1-1.05
Potential for Dust Explosion	Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.
Reactions That Release Gases or Vapours	Fire may produce irritating, toxic and/or corrosive fumes.

SECTION 10 - STABILITY AND REACTIVITY

Chemical Reactivity	Not reactive
Chemical stability	The substance is stable when used in accordance with the supplier's directions.
Conditions to avoid	Avoid generating dust. Keep away from heat and sources of ignition.
Possibility of hazardous reactions:	Fire may produce irritating, toxic and/or corrosive fumes.
Incompatible materials	Incompatible/reactive with strong oxidising agents.
Hazardous decomposition products	No information available

SECTION - 11 TOXICOLOGICAL INFORMATION

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:

SYMPTOMS OF EXPOSURE

Ingestion:	No adverse health effects expected; Large amounts may cause nausea and vomiting.
Eye Contact:	Non-irritating (Rabbit) [OECD 405; Supplier's SDS].
Skin Contact:	Non-irritating (Rabbit) [OECD 404; Supplier's SDS]. Non-sensitising (Mouse) [OECD 429; Supplier's SDS].
Inhalation:	Breathing dust may cause respiratory tract irritation.

ACUTE TOXICITY

Acute toxicity (Oral):
COMPONENT: Calcium lignosulfonate (CAS No. 8061-52-7):
- LD50, Rat: >5,000 mg/kg
*Based on existing data, the classification criteria are deemed not to have been met.

Additional information

Aggravated medical conditions caused by exposure

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SECTION 12 - ECOLOGICAL INFORMATION

ECOTOXICITY

Aquatic Toxicity No information available

Acute toxicity:	Fish – Fish (Brachydanio rerio)	EC ₅₀ /96hr : >1,000 mg/l [Similar product; Supplier's SDS].
	Aquatic invertebrate – Crustacea (Daphnia magna)	EC ₅₀ /48hr : >1,000 mg/l [Similar product; Supplier's SDS].
	Algae – Scenedesmus subspicatus	EC ₅₀ /72hr : >600 mg/l [Similar product; Supplier's SDS].
	Microorganisms –	Data not available
Chronic toxicity:	Fish –	Data not available
	Aquatic invertebrate –	Data not available
	Algae –	Data not available
	Microorganisms –	Data not available

PERSISTENCE AND DEGRADABILITY MOBILITY

Expected to be biodegradable.
Completely miscible with water.

ADDITIONAL INFORMATION

ENVIRONMENTAL FATE (EXPOSURE)

Prevent entry into drains and waterways.

BIOACCUMULATIVE POTENTIAL

No bioaccumulation expected.

SECTION 13 - DISPOSAL CONSIDERATIONS

DISPOSAL METHODS AND CONTAINERS

Dispose of contents/container in accordance with local/regional/national regulations.

SECTION 14 - TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT

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.

UN NUMBER	No Data Available
UN PROPER SHIPPING NAME	Calcium lignosulphonate
CLASS AND SUBSIDIARY RISK	No Data Available
PACKING GROUP SPECIAL	No Data Available
PRECAUTIONS FOR USER	No Data Available
IERG	No Data Available
HAZCHEM CODE	No Data Available



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MARINE TRANSPORT

NOT classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS.

This material is NOT classified as a Marine Pollutant (P) according to the International Maritime Dangerous Goods Code.

UN NUMBER	No Data Available
UN PROPER SHIPPING NAME	Calcium lignosulphonate
CLASS AND SUBSIDIARY RISK	No Data Available
PACKING GROUP	No Data Available
IMDG EMS Fire:	No Data Available
IMDG EMS Spill:	No Data Available
Marine Pollutant	No

AIR TRANSPORT

NOT classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; NON-DANGEROUS GOODS.

UN NUMBER	No Data Available
UN PROPER SHIPPING NAME	Calcium lignosulphonate
CLASS AND SUBSIDIARY RISK	No Data Available
PACKING GROUP	No Data Available

SECTION 15 - REGULATORY INFORMATION

CLASSIFICATION:	This material is NOT hazardous according to Safe Work Australia; NON-HAZARDOUS SUBSTANCE
CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:	Not available
HAZARD STATEMENT(S):	Not hazardous
POISONS SCHEDULE (SUSMP):	Not scheduled
SUSMP Label Requirements	
WARNING STATEMENTS	Not available
SAFETY DIRECTIONS:	Avoid generating dust. Avoid breathing dust and contact with eyes, skin and clothing. Do not ingest. Store in a cool, dry and well-ventilated area, out of direct sunlight. Keep container tightly closed. Keep away from heat and sources of ignition - No smoking. Ensure adequate ventilation. Do not mix with strong oxidising agents.

AICS All ingredients are on the Australian Inventory of Chemical Substances

Additional information

Additional national and/or international regulatory information.

SECTION 16 - OTHER INFORMATION

CONTACT PERSON/POINT	FOR EMERGENCIES ONLY CONTACT	: Australia	: 000
	POISONS INFORMATION CENTRE	: Australia	131126
		: New Zealand	0800 764 766

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Date of preparation or last revision of the MSDS

12 February 2025

Prepared by

Michael Scuderi BE(Chem)

Additional information

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

ADG	Australian Code for the Transport of Dangerous Goods by Road and Rail
ACGIH	American Conference of Governmental Industrial Hygienists
ASCC	Australian Safety and Compensation Council
Carcinogen Category Number	1. Established human carcinogen 2. Probably human carcinogen 3. Substances suspected of having carcinogenic potential
Code AICS	Australian Inventory of Chemical Substances
CAS number	Chemical Abstracts Service Registry Number
EPG	Emergency Procedure Guide (superseded by IERG)
Hazchem Code	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IERG	HB 76-2004 Dangerous goods - Initial Emergency Response Guide
IMDG	International Maritime Dangerous Goods. A uniform code for transport of dangerous goods at sea.
LEL	lower flammable (explosive) limits in air;
LD50	Lethal Dose sufficient to kill 50% of test population
NIOSH	National Institute for Occupational Safety and Health The United States federal agency responsible for conducting research and making recommendations for the prevention of work-related injury and illness.
NOAEL	No Observed Adverse Effect Level
NOEL	No Observable Effect Level
NOHSC	National Occupational Health and Safety Commission
NTP	National Toxicology Program (USA)
PEL	Permissible Exposure Limit
RTECS	Registry of Toxic Effects of Chemical Substances (Symyx Technologies')
TCLO	Toxic Concentration Low
TDLO	Toxic Dose Low : lowest dosage per unit of bodyweight (typically stated in milligrams per kilogram) of a substance known to have produced signs of toxicity in a particular animal species.
TLV	Threshold Limit Value (ACGIH):The time weighted average used to describe exposure which is harmless to most of the population when exposed 8 hours per day, 40 hours per week.
TWA	(Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week. These 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 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.

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SAFEWORK	Independent statutory agency with primary responsibility to improve occupational health and safety and workers' compensation arrangements across Australia.
STEL	(Short Term Exposure Limit): The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.
SUSDP	Standard for the Uniform Scheduling of Drugs & Poisons
SUSMP	Standard for the Uniform Scheduling of Medicines & Poisons
UEL	upper flammable (explosive) limits in air;
UN Number	United Nations Number

Literature references.

Sources for data. Safety Data Sheets from Suppliers
Hazardous Substances Information System (HSIS)– ASCC Australia (on-line)
GHS (Globally Harmonised System of Substance Classification & Labelling)
REACH (European Chemical Substance Information System)
ADG Code 7.8th Edition
SUSMP N° 44

DISCLAIMER:

This SDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since ALLCON GROUP Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material. If clarification or further information is needed, the user should contact ALLCON GROUP Pty Ltd at the contact details on page 1. ALLCON GROUP Pty Ltd's responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request. ALLCON GROUP Pty Ltd however makes no warranty whatsoever, expressed, implied or of merchantability regarding the accuracy of such data or the results to be obtained from the use thereof and assumes no responsibility for injury to buyer or third persons or for any damage to property, Buyer assumes all risks.

ALLCON GROUP PTY LTD

NSW Warehouse 18 John Hines Avenue, Minchinbury, NSW, 2770 | **Vic Warehouse** 50 Merrindale Drive, Croydon South, VIC 3136

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