Infosafe No™ VAR7H	Issue Date :October 2024	ISSUED by HUNTERST

Product Name **CHLORBRITE**

Section 1 - Identification

Product Identifier	CHLORBRITE
Company Name	Hunters Products (TAS) Pty. Ltd. (ABN 004 601 263)
Address	60 Gleadow Street INVERMAY TAS 7248 AUSTRALIA
Telephone/Fax Number	Tel: 03 6331 4755 Fax: 03 6334 1065
Emergency Phone Number	0417 744 144
Recommended use of the chemical and restrictions on use	As a bleach. Use as directed on the product label.

Section 2 - Hazard(s) Identification

GHS Classification of the Substance/Mixture	Acute toxicity: Category 4 - Oral Eye damage/irritation: Category 2A Hazardous to the Aquatic Environment - Acute Hazard: Category 1 Hazardous to the Aquatic Environment - Long-Term Hazard: Category 1 Specific target organ toxicity (single exposure): Category 3 (Respiratory tract irritation)
Signal Word	WARNING
Hazard Statement (s)	AUH031 Contact with acids liberates toxic gas. H302 Harmful if swallowed. H319 Causes serious eye irritation. H335 May cause respiratory irritation. H410 Very toxic to aquatic life with long lasting effects.
Pictogram (s)	Exclamation mark,Environment

Precautionary Statement – Prevention	P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P264 Wash contaminated skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P273 Avoid release to the environment. P280(f) Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement – Response	P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P312 Call a POISON CENTER/doctor if you feel unwell. P337+P313 If eye irritation persists: Get medical advice/attention. P391 Collect spillage.
Precautionary Statement – Storage	P403+P233 Store in a well-ventilated place. Keep container tightly closed.
Precautionary Statement – Disposal	P501 Dispose of contents/container in accordance with local regulations.
Precautionary Statement – General	P102 Keep out of reach of children. P103 Read carefully and follow all instructions.

Section 3 - Composition and Information on Ingredients

Ingredients	Name	CAS	Proportion

	Sodium dichloroisocyanurate, dihydrate	51580-86-0	10-30 %
	Ingredients determined not to be hazardous		to 100%

Section 4 - First Aid Measures

Inhalation Remove from exposure, rest and keep warm. Apply artificial respiration if not breathing. Unless exposure has been slight, obtain medical attention.

Ingestion If swallowed, do NOT induce vomiting. Give a glass of water to be taken slowly.

Skin If skin contact occurs, remove contaminated clothing and wash skin thoroughly. Wash clothing before re-use.

Eye If in eyes, hold eyes upen, flood with water for at least 15 minutes and see a doctor.

First Aid Facilities Eye wash. Hand wash basin.

Advice to Doctor Product is an alkaline mixture containing a moderate proportion of a chlorinating agent, with nearly 15 % available chlorine. Irritating to skin and eyes. If swallowed, possible risk of mucosal damage. Inhalation exposure may lead to delayed onset pulmonary oedema. Contact Poisons Information Centre.

Section 5 - Firefighting Measures

Suitable Extinguishing Media Water fog or fine water spray.

Hazards from Combustion Products Water vapour, chlorine, hydrogen chloride, oxides of nitrogen, hydrogen cyanide.

Specific Methods In case of small fire/explosion use water. In case of major emergency use PPE: breathing apparatus and protective gloves.

Specific Hazards Arising from the Chemical Not flammable. Mixtures with combustible materials may be readily ignited and can burn fiercely, especially in the presence of moisture. Contact with acids will generate carbon dioxide, a simple asphyxiant, and chlorine, a toxic gas. May react violently with calcium hypochlorite.

Section 6 - Accidental Release Measures

Spills & Disposal Disposal of small spillages only. For large spillages liquids should be contained using sand or earth, and both liquids and solids then transferred to salvage containers. Residues should be treated as for small spillages.
CAUTION: Before dealing with spillage take necessary protective measures, inform others to keep at a safe distance and, for flammable materials, shut off all possible sources of ignition.
If local regulations permit, mop up with plenty of water and run to waste, diluting greatly with running water. Otherwise transfer to container and arrange removal by disposals company. Wash site of spillage thoroughly with water. Ventilate area to dispel any residual vapour.

Section 7 - Handling and Storage

Conditions for safe storage, including any incompatibilities Store in a cool, dry, well ventilated area, out of reach of children. Large quantities should be stored in a dangerous goods store. Store in original container. Keep container tightly closed. Keep container dry. Keep away from calcium hypochlorite, combustible materials, acids, copper and copper alloys. Protect from physical damage. Clean up all spills promptly; avoid secondary accidents.

Additional information on precautions for use Incompatible with: Acids, other types of chlorinating agents, oxidising agents.

Section 8 - Exposure Controls and Personal Protection

Engineering Controls Do not use copper or copper alloys as materials of construction. Use in a well ventilated area. Consider local mechanical exhaust/extraction to keep airborne

	contamination below TLV.
Personal Protective Equipment	Avoid contact with the skin. Prevent contact with the eyes. Avoid breathing the dust. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:- Dust mask Face shield or safety glasses Gloves, rubber or plastic Plastic apron, sleeves and boots Impervious overalls. CAUTION: Cotton or linen overalls impregnated with oxidisers may be readily ignited and can burn fiercely. Always maintain a high level of personal hygiene when using cleaning chemicals. That is wash hands before eating, drinking, smoking or using the toilet.

Section 9 - Physical and Chemical Properties

Form	Solid
Appearance	White, granular powder.
Odour	Slight smell of chlorine.
Melting Point	No data.
Solubility in Water	Soluble
pH	Neutral to slightly alkaline.
Vapour Pressure	None
Volatile Component	About 8 % as available chlorine.
Flash Point	None.
Flammability	Not flammable. Mixtures with combustible materials may be readily ignited and can burn fiercely, especially in the presence of moisture.
Auto-ignition Temperature	No data for the mixture. Sodium dichloroisocyanurate will undergo self-sustaining decomposition with evolution of heat if heated to 240 - 250 °C.
Other Information	Alkaline mixture. Will react vigorously with acids, generating chlorine, a toxic gas, and carbon dioxide, a simple asphyxiant. May react with oxidising agents, reducing agents, and other types of chlorinating agents. May react violently with calcium hypochlorite. Slightly hygroscopic, may absorb moisture from the air. Will decompose slowly on contact with moisture. Dissolves in water to form a mixture, including sodium cyanurate, sodium hypochlorite and free chlorine. Heating above 240 °C may cause a self-sustaining auto-decomposition, generating toxic fumes. Incompatible with ammonium salts and nitrogenous compounds, combustible materials.

Section 10 - Stability and Reactivity

Chemical Stability	Stable under normal use conditons.
Possibility of Hazardous Reactions	Reacts vigorously with acids, generating carbon dioxide and chlorine. May react violently with calcium hypochlorite, and other types of chlorinating agents. May react with combustible materials, especially in the presence of moisture.
Conditions to Avoid	Incompatible materials, moisture, heat.
Incompatible Materials	Acids, oxidising agents, reducing agents, other types of chlorinating agents, ammonium compounds.
Hazardous Decomposition Products	Oxides of nitrogen, chlorine, hydrogen cyanide.

Section 11 - Toxicological Information

Acute Toxicity - Oral	LD 50 :	Sodium dichloroisocyanurate	700 mg/kg oral, rat 6,000 mg/kg skin rabbit
	LC 50 :	Chlorine	293 ppm/1 hour, rat

	LCLo : Chlorine 2,530 mg/m3/30 min, human
Ingestion	Harmful if swallowed. Likely to cause gastric upset, a burning sensation, nausea, vomiting and diarrhoea. May cause electrolyte disturbances if swallowed. May cause ulceration and bleeding from the digestive tract. Other effects may include lachrymation, difficulty breathing, sore throat.
Inhalation	Dust will irritate the respiratory system. Risk of tissue damage. Chlorine gas will irritate the respiratory system at levels of 1 ppm. At 1.3 ppm of chlorine there may be coughing and difficulty breathing. Higher levels may cause throat muscle spasms and suffocation. May cause pulmonary oedema (fluid in the lungs) some time after exposure.
Skin	Mildly corrosive. May cause burns when moist.
Eye	Corrosive. Risk of permanent eye damage.
Chronic Effects	Repeated low-level contact with chlorine may cause erosion of the teeth and chloracne.

Section 12 - Ecological Information

Ecotoxicity	Very toxic to aquatic organisms. May cause long term adverse effects in the aquatic environment.
Mobility	Readily transported by water.
Environmental Protection	Avoid contaminating waterways, drains, sewers, or ground.

Section 13 - Disposal Considerations

Waste Disposal	Land fill, sewer (small quantities). Refer to Land Waste Management Authority in your State. Note: Contains a high proportion of inorganic sulphate. The disposal of large quantities of sulphates to concrete sewer may be regulated by local authorities.
Special Precautions for Incineration or Landfill	Unsuitable for incineration.

Section 14 - Transport Information

Transport Information	Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Section 15 - Regulatory Information

Poisons Schedule	S5
Australia (AICS/AIIC)	All components listed.

Section 16 - Any Other Relevant Information

Date of Preparation	26/10/2024
Literature References	Preparation of Safety Data Sheets for hazardous Chemicals Code of Practice Standard for the Uniform Scheduling of Medicines and Poisons Australian Code for the Transport of Dangerous Goods by Road & Rail Globally Harmonised System of classification and labelling of chemicals GHS7
Signature of Preparer/Data Service	Technical Manager 0417 744 144
Technical Contact Numbers	Emergency Advice All Hours: Technical Manager: 0417 744 144 Mon-Fri 8am - 6pm Poisons Information Centre: 13 11 26 - 24hrs Transport/Fire Emergency: 000 (Emergency services)
Other Information	This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the Workplace. Please refer to the technical datasheet (Instructions for use), and the label on the drum. The

company cannot anticipate or control the individual working conditions encountered and so each user should read this SDS carefully, and if in doubt ring the Contact Point Number given below.

...End Of MSDS...