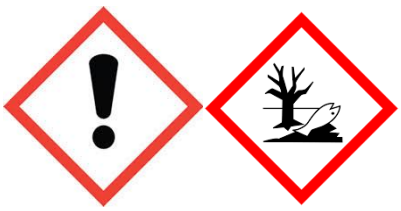
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SAFETY DATA SHEET – SDIC 56%

1. IDENTIFICATION

Revision Date	July 2023 (*valid for 5 years from this date)*
Product Name	DICHLOROISOCYANURIC ACID, SALTS
Other Names	SODIUM DICHLOROISOCYANURATE; TROCLOSENE SODIUM; SODIUM DICHLORO-S-TRIAZINE TRIONE; SDIC.
Uses	Pool Disinfectant
Contact Information	Chlorine Discounters Address: 43 Clapham Road, Regents Park NSW 2143 P: 02-96454433 F: 02-96454030 E: info@chlorinediscounters.com.au W: www.chlorinediscounters.com.au
Emergency Contact	Managing Director or Operations Manager

2. HAZARD IDENTIFICATION

Poisons Schedule (Aust)	6
Globally Harmonised System	
Hazard Classification	Hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS)
Hazard Categories	Acute Toxicity (Oral) - Category 4 Serious Eye Damage/Irritation - Category 2A Specific Target Organ Toxicity (Single Exposure) - Category 3 Acute Hazard To The Aquatic Environment - Category 1 Long-term Hazard To The Aquatic Environment - Category 1
Pictograms	
Signal Word	Warning

Hazard Statements	H302	Harmful if swallowed.
	H319	Causes serious eye irritation.
	H335	May cause respiratory irritation.
	H410	Very toxic to aquatic life with long lasting effects.
Precautionary Statements		
Prevention	P261	Avoid breathing dust/fume/gas/ mist/vapours/spray.
	P264	Wash hands and contaminated body thoroughly after handling.
	P270	Do not eat, drink or smoke when using this product.
	P271	Use only outdoors or in a well-ventilated area.
	P280	Wear protective gloves/protective clothing/eye protection/face protection.
Response	P301 + P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
	P304 + P340	IF INHALED: Remove victim to fresh air and keep at rest in a position 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 or doctor/physician if you feel unwell.
	P330	Rinse mouth.
	P337 + P313	If eye irritation persists: Get medical advice/attention.
Storage	P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
	P405	Store locked up.
Disposal	P501	Dispose of contents/container in accordance with local / regional / national / international regulations.
National Transport Commission (Australia)		Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code)
Dangerous Goods Classification		NOT Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code)

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients

Chemical Entity	CAS Number	Proportions (%)
Sodium Dichloroisocyanuric Acid Dihydrate	51580-86-0	100.0

4. FIRST AID MEASURES

Description of necessary measures according to routes of exposure

Swallowed	Rinse mouth with water. Give water to drink. Do NOT induce vomiting. If vomiting occurs, give further water. Seek medical advice.
Eye	Immediately flush eyes with plenty of water for 15 minutes, holding eyelids open. Seek medical attention.
Skin	Remove contaminated clothing and shoes. Wash affected area with plenty of Soap and water for at least 15 minutes. Seek immediate medical attention. Wash clothing before reuse.
Inhaled	Remove from exposure to fresh air immediately. If not reaching, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Advice to Doctor	Treat symptomatically based on judgement of doctor and individual reactions of patient.
Medical Conditions Aggravated by Exposure	No information available on medical conditions aggravated by exposure to this product.

5. FIRE FIGHTING MEASURES

General Measures	Clear fire area of all non-emergency personnel. Stay upwind. Keep out of low areas. Eliminate ignition sources. Move fire exposed containers from fire area if it can be done without risk.
Flammability Conditions	Oxidizer. Greatly increases the burning rate of combustible materials.
Extinguishing Media	Use water spray, dry chemical, carbon dioxide, or chemical foam.
Fire and Explosion Hazard	Oxidizer. Greatly increases the burning rate of combustible materials
Hazardous Products of Combustion	No Data Available
Special Fire Fighting Instructions	Do NOT allow fire fighting water to reach waterways, drains or sewers**.** Store fire fighting water for treatment.
Personal Protective Equipment	Fire fighters should wear a positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots and gloves).
Flash Point	230 deg C
Lower Explosion Limit	No Data Available
Upper Explosion Limit	No Data Available
Auto Ignition Temperature	No Data Available
Hazchem Code	No Data Available

6. ACCIDENTAL RELEASE MEASURES

General Response Procedure	Avoid accidents, clean up immediately. Slippery when spilt. Eliminate all sources of ignition. Increase ventilation. Avoid generating dust. Stop leak if safe to do so. Isolate the danger area. Use clean, non-sparking tools and equipment.
Clean Up Procedures	Contain and sweep/shovel up spills with dust binding material or use an industrial vacuum cleaner. Transfer to a suitable, labelled container and dispose of promptly as hazardous waste.

Containment	Stop leak if safe to do so. Isolate the danger area.
Environmental Precautionary Measures	Do NOT let product reach drains or waterways. If product does enter a waterway, advise the Environmental Protection Authority or your local Waste Management.
Evacuation Criteria	Evacuate all unnecessary personnel.
Personal Precautionary Measures	Do NOT touch damaged containers or spilled material unless wearing appropriate protective clothing as listed in section 8.

7. HANDLING AND STORAGE

Handling	Ensure an eye bath and safety shower are available and ready for use. Observe good personal hygiene practices and recommended procedures. Wash thoroughly after handling. Take precautionary measures against static discharges by bonding and grounding equipment. Avoid contact with eyes, skin and clothing. Do not inhale product vapours. Avoid prolonged or repeated exposure. Avoid contact with clothing and combustible materials. Chemicals should be used only by those trained in handling potentially hazardous materials.
Storage	Store in a cool, dry, well-ventilated area. Keep containers tightly closed when not in use. Inspect regularly for deficiencies such as damage or leaks. Protect against physical damage. Store away from incompatible materials as listed in section 10. Do not store near combustible materials. This product has a UN classification of 3077 and a Dangerous Goods Class 9 (Miscellaneous) according to The Australian Code for the Transport of Dangerous Goods By Road and Rail. NOTE: This product is subject to special provision AU01 according to The ADG7. SP No. AU01 Environmentally Hazardous Substances meeting the descriptions of UN 3077 or UN 3082 are not subject to this Code when transported by road or rail in; (a) packaging; (b) IBCs; or (c) any other receptacle not exceeding 500 kg(L).
Container	Store in original packaging as approved by manufacturer.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

General	No exposure standard has been established for this product by the Australian Safety and Compensation Council (ASCC). However, the exposure standard for dust not otherwise specified is 10mg/m3 (for inspirable dust) and 3mg/m3 (for respirable dust).
Biological Limits	No information available on biological limit values for this product.
Exposure Limits	No Data Available
Engineering Measures	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.
Personal Protection Equipment	RESPIRATOR: Wear a dust mask where dusts/vapours are generated and engineering controls are inadequate (AS1715/1716). EYES: Wear appropriate protective eyeglasses or chemical safety goggles (AS1336/1337). HANDS: Wear protective gloves (AS2161). CLOTHING: Long-sleeved protective clothing and safety footwear (AS3765/2210).
Work Hygienic Practices	No Data Available

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Solid
Appearance	Granular or Powder
Odour	Chlorine
Colour	White
pH	>5.5 1% aq. sol.
Vapour Pressure	< 0.000 hPa (@ 20 °C)
Relative Vapour Density	No Data Available
Boiling Point	No Data Available
Freezing Point	230 - 251 °C
Solubility	25g/100mL 25°C
Specific Gravity	1.97 g/cm3
Bulk Density	No Data Available
Decomposition Temperature	No Data Available
Molecular Weight	238 g/mol
Octanol Water Coefficient	No Data Available
Potential for Dust Explosion	No Data Available
Reactions That Release Gases or Vapours	No Data Available

10. STABILITY AND REACTIVITY

General Information	Oxidizer. Greatly increases the burning rate of combustible materials.
Chemical Stability	Product is stable under normal conditions of use, storage and temperature.
Conditions to Avoid	Exposure to moist air or water.
Materials to Avoid	Strong oxidising agents, strong bases, moist air or water.
Hazardous Decomposition Products	Hydrogen chloride, nitrogen dioxides, carbon monoxide,carbon dioxide.
Hazardous Polymerisation	Has not been reported.

11. TOXICOLOGICAL INFORMATION

General Information	General Information LD50/LC50: CAS# 51580-86-0: Draize test, rabbit, eye: 100 mg/24H Mild; Draize test, rabbit, skin: 500 mg/24H Mild; Draize test, rabbit, skin: 500mg Severe; Oral, rat: LD50 = 1420 mg/kg. Dichloroisocyanuric Acid, sodium salt, dihydarte- Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA. See actual entry in RTECS for complete information.
Eye Irritant	Irritating to eyes. Lachrymator (substance which Increases the flow of tears).
Ingestion	Harmful if swallowed.
Inhalation	Irritating to respiratory system.
Skin Irritant	May cause skin irritation.
Carcinogen Category	No Data Available

12. ECOLOGICAL INFORMATION

Eco-toxicity	No Data Available
Persistence/Degradability	No Data Available
Mobility	No Data Available.
Environmental Fate	Very toxic to aquatic organisms; may cause long-term adverse effects in the aquatic environment.
Bioaccumulation Potential	No Data Available.
Environmental Impact	No Data Available

13. DISPOSAL CONSIDERATIONS

General Information	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.
Special Precautions for Land Fill	Contact a specialist disposal company or the local waste regulator for advice.

14. TRANSPORT INFORMATION

Land Transport (Australia)

ADG Code

UN Number	Not applicable
Shipping Name	Sodium Dichloroisocyanuric Acid Dihydrate
Dangerous Goods Class	Not applicable
Subsidiary Risk	Not applicable.
Pack Group	Not applicable
Precaution for User	Not applicable
Hazchem Code	Not applicable
EPG	Not applicable
Special Provision	AU01

National Transport Commission (Australia) Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code)

Dangerous Goods Classification NOT Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code)

15. REGULATORY INFORMATION

General Information	No Data Available
Poisons Schedule (Aust)	6
National/Regional Inventories	
Australia (AICS)	Listed

16. OTHER INFORMATION

Literature References	No data available.
Sources for Data	No data available.

Legend to Abbreviations and Acronyms

<	less than
<	greater than
ADG	Australian Dangerous Goods Code
AICS	Australian Inventory of Chemical Substances
CAS	Chemical Abstracts Service (Registry Number)
cm2	square centimetres
CO2	Carbon Dioxide
COD	Chemical Oxygen Demand
deg C ('C)	degrees Celsius
ERMA	Environmental Risk Management Authority
g	gram
g/cm3	grams per cubic centimetre
g/l	grams per litre
HSNO	Hazardous Substance and New Organism
IATA	International Air Transport Association Dangerous Goods Regulations
IDLH	Immediately Dangerous to Life and Health
IMDG	International Maritime Dangerous Goods Code
Immiscible	liquids are insoluble in each other
Kg	kilogram
kg/m3	kilograms per cubic metre
LC50	LC stands for lethal concentration. LC50 is the concentration of a material in air which causes the death of 50% (one half) of a group of test animals. The material is inhaled over a set period of time, usually 1 or 4 hours.
LD50	LD stands for Lethal Dose. LD50 is the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals
ltr	Litre
m3	cubic metre
mbar	millibar
mg	milligram
mg/24H	milligrams per 24 hours

mg/kg	milligrams per kilogram
mg/m3	milligrams per cubic metre
Misc	miscible
Miscible	liquids form one homogeneous liquid phase regardless of the amount of either component present
mm	millimetre
mPa.s	milli Pascal per second
N/A	Not Applicable
NOHSC	National Occupational Health and Safety Commission
OECD	Organization for Economic Co-operation and Development
PEL	Permissible Exposure Limit
ppb	parts per billion
ppm	parts per million
ppm/2h	parts per million per 2 hours
ppm/6h	parts per million per 6 hours
RCP	Reciprocal Calculation Procedure
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value
tne	tonne
TWA	Time Weighted Average
ug/24H	micrograms per 24 hours
UN	United Nations (number)
wt	weight

This SDS summarizes Chlorine Discounters best knowledge of the health and safety hazard information of the selected substance and how to safely handle the selected substance in the workplace however Chlorine Discounters expressly disclaims that the SDS is a representation or guarantee of the chemical specifications for the substance.

Each user should read the SDS and consider the information in the context of how the selected substance will be handled and used in the workplace including its use in conjunction with other substances.