Chemical Safety Data Sheet

Section 1 IDENTIFICATION

GHS **Product identifier:** Sodium dichloroisocyanurate.

Other means of identification: 1-Sodium-3，5-dichloro-s-triazine-2. 4，6-trione.

Recommended use of the chemical and restrictions on use: This material can be used as antiseptic, bleach of textile industry, wool treating agent，etc.

Supplier's details: /

Emergency phone number: /

Section 2 HAZARDS IDENTIFICATION

Classification of the substance or mixture:

Oxidizing Solid Category 2

Acute toxicity, oral Category 4

Serious eye damage/eye irritation 2A

Specific target organ toxicity, single exposure; Respiratory tract irritation Category 3

Hazardous to the aquatic environment, acute hazard Category 1

Hazardous to the aquatic environment, long-term hazard Category 1

GHS Label elements，including precautionary statements:

Signal word: Danger

Hazard statement(s): May intensify fire; oxidizer. Harmful if swallowed. Causes serious eye irritation. May cause respiratory irritation. Very toxic to aquatic life with long lasting effects.

Precautionary statement(s):

Prevention:

Keep away from heat' hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep away from clothing and other combustible materials. Wear protective gloves/protective clothing/eye protection/facc protection. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid breathing dust/fume/gas/mist/'vapors/spray. Use only outdoors or in a well-ventilated area. Avoid release to the environment.

Response:

In case of fire: Use water spray, chemical powder or foam to extinction. If swallowed: call a poison center or doctor/physician if you feel unwell. Rinse mouth. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor/physician if you feel unwell. Collect spillage.

Storage:

Store sodium dichloroisocyanurate disinfectant in a well - ventilated place . Keepcontainer tightly closed. Store lockedup. Disposal :

Dispose of contents/container to in accordance with national regulations.

Other hazards which do not result in classification: /

Section 3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration%
Sodium dichloroisocyanurate	2893-78-9	97.05%

Section 4 FIRST AID MEASURES

Description of necessary first aid measures

If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact: Wash off with soap and plenty of water. Consult a physician.

In case of eye contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If ingestion: Rinse mouth with water. Consult a physician.

Most important symptoms/effects, acute and delayed: /

Indication of immediate medical attention and special treatment needed, if necessary: /

Section 5 FIREFIGHTING MEASURES

Suitable extinguishing media: Use foam, chemical power or water spray.

Special hazards arising from the chemical: This substance is non-flammable and can help combustion. It decomposes and produces toxic fumes in high temperature and fire.

Special protective actions for fire-fighters: Wear self-contained breathing apparatus for firefighting if necessary. Use water spray to cool unopened containers.

Section 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas.

Environmental precautions: Do not enter into spillage area. Prevent further leakage or spillage if safe to do so. Do not let swimming pool disinfectant enter drains .

Methods and material s for containment and cleaning up: Contain spillage , and then collect in a clean container according to local regulations .

Section 7 HANDLING AND STORAGE

Precautions for safe handling: Wear protective gloves/eye protection/face protection/protective clothing. Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Keep away from sources of ignition - No smoking.

Conditions for safe storage, including any incompatibilities: Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealcd and kept upright to prevent leakage. Keep away from flammable materials and reducers.

Section 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters: /

Appropriate engineering controls: Local exhaust ventilation or a process enclosure ventilation system may be required.

Individual protection measures

Eye/face protection: Safety glasses with side shields. Chemical goggles. Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants.

Skin protection: Wear chemical protective gloves, e.g. PVC. Wear safety footwear or safety gumboots, e.g. rubber. Impervious clothing.

Respiratory protection: Selection of the class and type of respirator will depend upon the level of breathing zone contaminant and the chemical nature of the contaminant.

Thermal hazards: /

Section 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, colour etc)	White solid granule.
Odour	/
Odour Threshold	/
pH	6.1.
Melting point/freezing point	/
Initial boiling point and boiling range	/
Flash point	/
Evaporation rate	/
Flammability (solid, gas)	/
Upper/lower flammability or explosive limits	/
Vapour pressure	/
Vapour density	/
Relative density	>1.
Solubility(ies)	25g^100mL.
Partition coefficient: n-octanol/water	/
Auto-ignition temperature	/
Decomposition temperature	230°C.
Viscosity	/

Section 10 STABILITY AND REACTIVITY

Reactivity: /

Chemical stability: This substance is stable in normal temperature.

Possibility of hazardous reactions: Decomposes on heating and on contact with water. This produces toxic fumes including chlorine. The substance is a strong oxidant. It reacts violently with combustible and reducing materials. Reacts violently with many substances. This generates fire and explosion hazard.

Conditions to avoid: Spark, static electricity and high temperature.

Incompatible materials: Reducing agent, acid, moisture air and flammable materials.

Hazardous decomposition products: Oxycarbides, nitrogen oxide and chlorine hydride.

Section 11 TOXICOLOGICAL INFORMATION

Information on the likely routes of exposure: Inhaled, swallowed, skin, eyes.

Symptoms related to the physical, chemical and toxicological characteristics: /

Acute health effects: Accidental ingestion of the substance may be harmful and cause cough and throat pain. Oral intake may cause headache, giddiness, vomit and other symptoms. This substance may produce skin and eyes irritation.

Chronic health effects: Repeated or prolonged contact with skin may cause dermatitis.

Numerical measures of toxicity(such as acute toxicity estimates):

LD50(Oral, rat): 700 mg/kg

LD50(Derinal, rat): >5000 mg/kg

LC50(Inhalation, rat): 293 ppm/1 h

Section 12 ECOLOGICAL INFORMATION

Toxicity: Very toxic to aquatic life with long lasting effects.

Persistence and degradability: High.

Bioaccumulative potential: Low (LogKOW = 1.2805).

Mobility in soil: Low (KOC = 28.65).

Other adverse effects: /

Section 13 DISPOSAL CONSIDERATIONS

Disposal methods: Burial in a land-fill specifically licensed to accept chemical. Reuse of broken container is forbidden.

Section 14 TRANSPORT INFORMATION

UN number: 2465.

UN proper shipping name: DICHLOROISOCYANURIC ACID SALTS.

Transport hazard class(es): 5.1.

Packing group, if applicable: II.

Environmental hazards: Severe marine pollutant.

Special precautions for user: /

Section 15 REGULATORY INFORMATION

Regulations: This safety data sheet is in compliance with the following national standards: GB 16483-2008, GB 13690-2009, GB/T 15098-2008, GB 18218-2009, GB 15258-2009, GB 6944-2012, GB 190-2009, GB 191-2009, GB 12268-2008, GA 57-1993, GBZ 2-2007 as well as the following national regulations: Dangerous Goods Transport Administrative Regulation [Published by the Ministry of Railways, 2008], Dangerous Chemicals Safety Administrative Regulation [Published by the State Council, 2011].

Section 16 OTHHR INFORMATION

References	UN Recommendations on the Transport of Dangerous Goods Model Regulations UN Globally Harmonized System of Classification and Labelling of Chemicals
Form Date	22-Mar-2016

Note Ⅰ: When products contain two or more hazardous substances, Safety Data Sheets should be prepared based on the risk of the mixture.

Note 2: Manufacturer / supplier should ensure the correctness of the information contained in the safety data sheets, and updated in a timely manner.

Note 3: As a result of product features without the existence of certain information or no data available (such as boiling point does not exist for the solid) in the table with logo.