



SAFETY DATA SHEET

Issuing Date No data available

Revision Date 3-March 2015

Revision Number 0

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

GHS product identifier

Product Name L1

Other means of identification

Product Code(s) 1201004

Synonyms N/A

Recommended use of the chemical and restrictions on use

Recommended Use Institutional laundry detergent

Uses advised against No Information Available

Supplier's details

Supplier Address
Birsch Industries
476 Viking Drive
Virginia Beach, VA. 23452
TEL: 757-622-0355

Emergency telephone number

Emergency Telephone Number CHEM-TEL, INC.
24 Hour Emergency Contact 1-800-255-3924

2. HAZARDS IDENTIFICATION

Classification

SERIOUS EYE DAMAGE/EYE IRRITATION – Category 2

GHS Label elements, including precautionary statements

Emergency Overview

Signal Word **WARNING**

Hazard Statements
• Causes serious eye irritation

Appearance White**Physical State** Solid/Powder**Odor** N/A**Symbol:****Precautionary Statements****Prevention**

Wash face, hands and any exposed skin thoroughly after handling. Wear eye/face protection.

General Advice

N/A

Storage

N/A

Disposal

N/A

Eyes

IF IN EYES, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists, get medical advice/attention.

3. COMPOSITION/INFORMATION ON INGREDIENTS**Synonyms**

Chemical Name	CAS-No	Weight %	Notes
Sodium dichloroisocyanurate dihydrate	51580-86-0	10-30	*

* The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES**Description of necessary first-aid measures****Eye Contact**

IF IN EYES, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Get medical attention if irritation persists.

Skin Contact

Wash skin with soap and water. Get medical attention if irritation develops and persists.

Inhalation

If experiencing respiratory symptoms, call a POISON CENTER or doctor/physician.

Ingestion

IF SWALLOWED, call a POISON CENTER or doctor/physician if you feel unwell.

Indication of immediate medical attention and special treatment needed, if necessary**Notes to Physician**

Treat symptomatically

5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

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

Specific Hazards Arising from the Chemical

No information available

Hazardous Thermal Decomposition Products

No information available

Specific Fire-Fighting Methods

No information available

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

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

Ensure adequate ventilation. Wear protective gloves/clothing and eye/face protection. Wash thoroughly after handling. Avoid dust formation. Avoid inhalation of dust.

Environmental Precautions**Environmental Precautions**

Avoid release into the environment. Dispose of contents/container to an approved waste disposal plant. Collect spillage. See Section 12 for additional Ecological information.

Methods and materials for containment and cleaning up**Methods for Cleaning Up**

Prevent further leakage or spillage if safe to do so. Sweep up and shovel into suitable containers for disposal. Do not flush with water. Keep in suitable and closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling**Handling**

Avoid dust formation. Avoid breathing dust. Wash thoroughly after handling. Wear personal protective equipment.

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

Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible Products

Strong oxidizing agents.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

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

Appropriate engineering controls

Showers, Eyewash Stations, Ventilation Systems

Individual protection measures, such as personal protective equipment**Eye & Face Protection**

Tightly fitting safety goggles

Hand & Skin Protection

Protective gloves

Respiratory Protection	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.
Hygiene Measures	When using, do not eat, drink or smoke. Provide regular cleaning of equipment, work area and clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Soild/Powder	Appearance	White
Odor	No information available	Odor Threshold	No information available

<u>Property</u>	<u>Values</u>
pH	N/A
Melting Point/Range	No data available
Boiling Point/Boiling Range	> 100°C
Flash Point	N/A
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Flammability Limits in Air	
upper flammability limit	No data available
lower flammability limit	No data available
Vapor Pressure	No data available
Vapor Density	No data available
Relative Density	No data available
Specific Gravity	1.02
Water Solubility	100
Solubility in other solvents	No data available
Partition coefficient: n-octanol/water	No data available
Autoignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	No data available
Flammable Properties	No data available
Explosive Properties	No data available
Oxidizing Properties	No data available

10. STABILITY AND REACTIVITY

Stability

The product is stable

Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid

Protect from moisture

Incompatible materials

Strong oxidizing agents

Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION**Route of Exposure**

Skin contact, Eye contact, Inhalation, Ingestion

Symptoms

Eye Contact Causes serious eye irritation
Skin Contact No data available
Inhalation No data available
Ingestion May be harmful if swallowed

Toxicity Data

Product	Result	Species	Dose
Sodium dichloroisocyanurate dihydrate	LC 50 Inhalation	N/A	8 mg/L
	LD50 Dermal	N/A	8772 mg/kg
	LD50 Oral	N/A	2751 mg/kg

Chronic Toxicity

Carcinogenicity No known significant effects or critical hazards.
Mutagenicity No known significant effects or critical hazards.
Teratogenicity No known significant effects or critical hazards.
Developmental Effects No known significant effects or critical hazards.
Fertility Effects No known significant effects or critical hazards.

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

13. DISPOSAL CONSIDERATIONS**Waste Disposal Methods**

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

14. TRANSPORT INFORMATION**DOT**

Not Regulated

IMO/IMDG

UN Number UN3077
Proper Shipping Name Environmentally hazardous substance, solid, n.o.s.
Hazard Class 9
Packing Group III
EmS No. F-A, S-F
Description Un3077, Environmentally hazardous substance, solid, n.o.s. (Sodium dichloroisocyanurate dihydrate), 9, III, Marine Pollutant

15. REGULATORY INFORMATION

International Inventories

TSCA Complies
DSL Complies

U.S. Federal Regulations

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

California Proposition 65

This product does not contain any Proposition 65 chemicals

US State Right-To-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Illinois	Rhode Island
Sodium dichloroisocyanurate dihydrate		X	X		X

16. OTHER INFORMATION

<u>NFPA</u>	Health 2	Flammability 0	Instability 0
<u>HMIS</u>	Health 2	Flammability 0	Physical Hazards 0

Prepared By Birsch Industries
476 Viking Drive
Virginia Beach, VA. 23452
TEL: 757-622-0355

Issuing Date No information available
Revision Date 3-March 2015
Revision Note N/A

General Disclaimer

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

End of Safety Data Sheet