SAFETY DATA SHEET

1. Product and Company Identification

Product identifier **Leslie's Swimming Pool Supplies 3" Jumbo Tabs**

Other means of identification
Poolfresh 3" Tablets
Leslie's Swimming Pool Supplies Floating Chlorinator
Leslie's Swimming Pool Supplies Chlor Sticks
Leslie's Swimming Pool Supplies 1" Chlor Tabs

Recommended use Sanitizer

Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

Company name LPM Manufacturing, Inc.

Address
2005 E. Indian School Rd.
Phoenix, AZ 85016
United States

Telephone 602-366-3999

E-mail Not available.

Emergency phone number 800-424-9300 (CHEMTREC)

2. Hazards Identification

Physical hazards	Oxidizing solids	Category 2
Health hazards	Acute toxicity, oral	Category 4
	Acute toxicity, inhalation	Category 2
	Skin corrosion/irritation	Category 1C
	Serious eye damage/eye irritation	Category 1
	Reproductive toxicity	Category 1B
	Specific target organ toxicity, single exposure	Category 3 respiratory tract irritation

Environmental hazards Not classified.

OSHA defined hazards Not classified.

Label elements

Signal word Danger

Hazard statement
May intensify fire; oxidizer.
Harmful if swallowed.
Fatal if inhaled.
Causes severe skin burns and eye damage.
May cause respiratory irritation.
May damage fertility or the unborn child.

Precautionary statement

Prevention
Keep away from heat. Keep/Store away from clothing/.../combustible materials. Take any precaution to avoid mixing with combustibles.
Do not breathe dust/fume. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Wear respiratory protection.
Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

Response	In case of fire: Use appropriate media to extinguish. If inhaled: Remove person to fresh air and keep comfortable for breathing. Specific treatment is urgent (see this label). If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. If exposed or concerned: Get medical advice/attention.
Storage	Store in a well-ventilated place. Keep container tightly closed. Store locked up.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC)	Damp or wet material may generate nitrogen trichloride, an explosion hazard. Contact with acids liberates toxic gas.
Supplemental information	None.

3. Composition/Information on Ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-trichloro-		87-90-1	98-100
Boric acid		10043-35-3	0.1-0.5

4. First Aid Measures

Inhalation	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
Skin contact	If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.
Eye contact	If in eyes, hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
Ingestion	If swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.
Most important symptoms/effects, acute and delayed	Acute Symptoms/Effects: Listed below. Eye: Serious Eye Damage. Exposure to the eyes may cause irritation and burns to the eye lids, conjunctivitis, corneal edema, and corneal burn. Significant and prolonged contact may cause damage to the internal contents of the eyes. Skin: Skin Corrosion. Exposure to the solid along with moisture may cause redness, irritation, burning sensation, swelling, blister formation, first, second, or third degree burns to the skin. Inhalation (Breathing): Respiratory System Effects: Exposure to the solid product or to free chlorine evolving from the product may cause irritation, redness of upper and lower airways, coughing, laryngeospasm and edema, shortness of breath, bronchoconstriction, and possible pulmonary edema to the user. The pulmonary edema may develop several hours after a severe acute exposure. Ingestion (Swallowing): Gastrointestinal Effects: Exposure by ingestion may cause irritation, nausea, and vomiting. May cause local tissue damage to esophagus and stomach such as burning, inflammation, local ulceration, and may cause gastrointestinal bleeding. Delayed Symptoms/Effects: Repeated and prolonged skin contact with the product may cause a dermatitis.
Indication of immediate medical attention and special treatment needed	Probable mucosal damage may contraindicate the use of gastric lavage. Treat this product as a corrosive substance. This material is more irritating to the skin and eyes in the presence of water. For prolonged exposures and significant exposures, consider delayed injury to exposed tissues. There is no antidote available. Cyanuric acid is readily removed from the body via the renal system, and is not bioaccumulated. Treatment is supportive care. Follow normal parameters for airway, breathing, and circulation when treating the victim.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

5. Fire Fighting Measures

Suitable extinguishing media	Flood with water.

Unsuitable extinguishing media	Dry chemical. carbon dioxide (CO2) Do not use halogenated extinguishing agents or foam. Do not use ABC fire extinguishers.
Specific hazards arising from the chemical	May intensify fire; oxidizer.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire-fighting equipment/instructions	Consider evacuation of personnel located downwind of fire. Keep unnecessary people away from the fire, isolate hazard area and deny entry. Move the container from fire area if it can be done without risk. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas. Wear NIOSH approved positive-pressure self-contained breathing apparatus operated in pressure demand mode if available. Material which appears undamaged except for being damp on the outside, should be opened and inspected immediately. DO NOT attempt to reseal the contaminated drums. Damp material should be neutralized to a non-oxidizing state by using proper methods. Confirm with manufacturer before proceeding. Contact manufacturer for instructions for handling and disposal of damp material.
Specific methods	Cool containers exposed to flames with water until well after the fire is out.
General fire hazards	Negligible fire hazard. If heated by an outside source to temperatures above 240°C (464°F), this product will undergo decomposition with the evolution of noxious gases but no visible flame. Wet material may generate nitrogen trichloride which is an explosion hazard.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	Isolate the hazard area and deny entry. Do not get in eyes, on skin or on clothing. Do not breathe dust, fumes, gas, mists, vapors, or spray. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	Minimize dust generation and accumulation. DO NOT add water to the spilled material. DO NOT use floor sweeping compounds to clean up spills. Sweep and scoop the spilled material into clean, dedicated equipment. Avoid mixing spilled material with other chemicals or debris when cleaning up. DO NOT attempt to reseal the contaminated drums. DO NOT transport wet or damp product. Damp material should be neutralized to a non-oxidizing state under the instruction from the manufacturer. Contact the manufacturer for instructions for handling and disposal of damp material. For waste disposal, see section 13 of the SDS.
Environmental precautions	Very toxic to aquatic life. Toxic to aquatic life with long lasting effects. Keep out of waterways.

7. Handling and Storage

Precautions for safe handling	Avoid contact with eyes, skin and clothing. Do not breathe dust. Minimize dust generation and accumulation. Wash hands thoroughly after handling. Wear appropriate personal protective equipment.
Conditions for safe storage, including any incompatibilities	Do not contaminate water, food or feed by storage and disposal. Store in a cool, dry, well-ventilated place. Keep away from heat, open flames or other sources of ignition. Store in a cool dry place inaccessible to children and pets.

8. Exposure Controls/Personal Protection

Occupational exposure limits

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Boric acid (CAS 10043-35-3)	STEL	6 mg/m3	Inhalable fraction.
	TWA	2 mg/m3	Inhalable fraction.

Biological limit values	No biological exposure limits noted for the ingredient(s).
Appropriate engineering controls	Ventilation should be sufficient to effectively remove and prevent buildup of any dusts or fumes that may be generated during handling or thermal processing. Eye wash facilities and emergency shower must be available when handling this product. Provide eyewash station.

Individual protection measures, such as personal protective equipment

Eye/face protection	Chemical splash goggles. Eye wash fountain is recommended.
Skin protection	
Hand protection	Wear appropriate chemical resistant gloves. Butyl rubber. Natural rubber. Neoprene gloves. Nitrile rubber. Polyvinyl chloride (PVC). Tyvek®.
Other	Wear appropriate chemical resistant clothing.
Respiratory protection	Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits. Wear respirator with dust filter.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations	When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Wash hands after handling and before eating.

9. Physical and Chemical Properties

Appearance	White Tablet.
Physical state	Solid.
Form	Tablet.
Color	White
Odor	Slight chlorine.
Odor threshold	Not available.
pH	2.9 - 3.5 @ 25°C (1% solution)
Melting point/freezing point	478 °F (247.78 °C)
Initial boiling point and boiling range	Not available.
Pour point	Not available.
Specific gravity	Not available.
Partition coefficient (n-octanol/water)	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	<0.002 Pa @ 20°C
Vapor density	Not available.
Relative density	No data available
Solubility(ies)	0.98 mg/100 g @ 20°C
Auto-ignition temperature	Not available.
Decomposition temperature	478 °F (247.8 °C)
Viscosity	Not available.
Other information	
Bulk density	63 - 66 lb/ft3 (loose)
Molecular formula	C3N3O3Cl3
Molecular weight	232.4

10. Stability and Reactivity

Reactivity	Reacts with acids. Ammonia. Floor sweeping compounds. Bases. Calcium hypochlorite. Strong reducing agents. Organic solvents. Organic materials.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Chemical stability	Material is stable under normal conditions.
Conditions to avoid	Never add water to product. Always add product to large quantities of water. Use only clean, dry utensils. Do not add this product to any dispensing device containing remnants of any other product. Such use may cause a violent reaction leading to fire or explosion. Contamination with moisture, organic material or other chemicals may start a chemical reaction with generation of heat, liberation of hazardous gases and possible fire or explosion. Avoid contact with flaming or burning material, such as lighted cigarette. In case of contamination or decomposition, do not reseal container. If possible, isolate container in open and well-ventilated area and flood with large amounts of water.
Incompatible materials	Strong oxidizing agents. Acids. Caustics. Reducing agents.
Hazardous decomposition products	May include and are not limited to: Nitrogen trichloride. Hydrogen chloride. Chlorine gas. Oxides of nitrogen. Cyanogen chloride. Oxides of carbon. Phosgene.

11. Toxicological Information

Information on likely routes of exposure

Ingestion	Harmful if swallowed. May cause irritation, nausea, and vomiting. May cause local tissue damage to epiglottis, mucus membranes of the mouth, esophagus and stomach such as burning, inflammation, local ulceration, and may cause gastrointestinal bleeding if ingested.
Inhalation	Fatal if inhaled. This material in the form is not expected to produce respiratory effects. Particles of respirable size are generally not encountered in this form. The respirable fraction is typically less than 0.1% by weight for the granular and extra granular grades. If ground or otherwise in a powdered form, effects similar to a corrosive substance may occur to the user. Exposure to the solid product or to free chlorine evolving from the product may cause irritation, redness of upper and lower airways, coughing, laryngeospasm and edema, shortness of breath, bronchoconstriction, and possible pulmonary edema. The pulmonary edema may develop several hours after a severe acute exposure to the product.
Skin contact	Causes severe skin burns. Severe Irritation, Corrosive (rabbit, 24 hr). Exposure to the solid along with moisture may cause redness, irritation, burning sensation, swelling, blister formation, first, second, or third degree burns. Dry material may be less irritating than wet material.
Eye contact	Causes serious eye damage. Severe Irritation, Corrosive (rabbit, 24 hr). May cause burns to the eye lids, conjunctivitis, corneal edema, and corneal burn. Significant and prolonged contact may cause damage to the internal contents of eyes.
Symptoms related to the physical, chemical and toxicological characteristics	Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

Information on toxicological effects

Acute toxicity Fatal if inhaled. Harmful if swallowed. May cause respiratory irritation.

Product	**Species**	**Test Results**
Leslie's Swimming Pool Supplies 3" Jumbo Tabs (CAS Mixture)		
Acute		
Dermal		
LD50	Rabbit	> 2000 mg/kg
Inhalation		
LC50	Rat	0.09 - 0.29 mg/m3, 4 hours
Oral		
LD50	Rat	809 mg/kg
Components	**Species**	**Test Results**
1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-trichloro- (CAS 87-90-1)		
Acute		
Dermal		
LD50	Rabbit	>= 2000 mg/kg
Oral		
LD50	Rat	406 mg/kg
Boric acid (CAS 10043-35-3)		
Acute		
Dermal		
LD50	Rabbit	2000 mg/kg
Inhalation		
LC50	Not available	
Oral		
LD50	Chicken	2950 mg/kg
	Dog	2000 mg/kg
	Mouse	3450 mg/kg
	Rat	2660 mg/kg

Skin corrosion/irritation	Causes severe skin burns and eye damage in presence of moisture.
Exposure minutes	Not available.
Erythema value	Not available.
Oedema value	Not available.
Serious eye damage/eye irritation	Causes serious eye damage in presence of moisture.

Corneal opacity value	Not available.
Iris lesion value	Not available.
Conjunctival reddening value	Not available.
Conjunctival oedema value	Not available.
Recover days	Not available.

Respiratory or skin sensitization

Respiratory sensitization	Not available.
Skin sensitization	This product is not expected to cause skin sensitization.
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Reproductive toxicity	May damage fertility or the unborn child.
Specific target organ toxicity - single exposure	Respiratory tract irritation.
Specific target organ toxicity - repeated exposure	Not classified.
Aspiration hazard	Not available.
Chronic effects	Not available.
Further information	Not available.

12. Ecological Information

Ecotoxicity See below

Components		Species	Test Results
1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-trichloro- (CAS 87-90-1)			
Crustacea	EC50	Daphnia	0.21 mg/L, 48 Hours
Boric acid (CAS 10043-35-3)			
Crustacea	EC50	Daphnia	134 mg/L, 48 Hours
Aquatic			
Fish	LC50	Razorback sucker (Xyrauchen texanus)	> 100 mg/l, 96 hours

Persistence and degradability	No data is available on the degradability of this product.
Bioaccumulative potential	Not available.

Partition coefficient n-octanol / water (log Kow)

Leslie's Swimming Pool Supplies 3" Jumbo Tabs 0

Mobility in soil	No data available.
Mobility in general	Not available.
Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal Considerations

Disposal instructions	This material is a registered pesticide. May be subject to disposal regulations. Dispose of contents/container in accordance with local/regional/national/international regulations. Do not place product, spilled product, or filled or partially filled containers into the trash or waste compactor. DO NOT transport wet or damp waste material. Damp material should be neutralized to a non-oxidizing state. Contact the manufacturer for instructions for handling and disposal of damp material. PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance. CONTAINER DISPOSAL: Non-refillable container. Do not reuse or refill this container. Triple rinse (or equivalent) empty container then offer for recycling, if available, or discard in trash.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues / unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport Information

General Regulated. For ground or air shipments only, non-bulk packages are regulated as oxidizers. Bulk Packaging or Shipment by Vessel: Regulated as below:

U.S. Department of Transportation (DOT)

Basic shipping requirements:

UN number	UN2468
Proper shipping name	Trichloroisocyanuric acid, dry, MARINE POLLUTANT
Hazard class	5.1
Packing group	II
Marine pollutant	Yes
Special provisions	IB8, IP2, IP4, T3, TP33
Packaging exceptions	152
Packaging non bulk	212
Packaging bulk	240

DOT

15. Regulatory Information

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

EPA Reg. # 11411-3

DANGER
Keep out of reach of children.

PRECAUTIONARY STATEMENTS: HAZARDS TO HUMANS AND DOMESTIC ANIMALS. HIGHLY CORROSIVE. Causes irreversible eye damage. May be fatal if inhaled. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin or clothing. Do not breathe dust, vapor or spray mist. Wear goggles or safety glasses, rubber gloves and protective clothing when handling this product. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

ENVIRONMENTAL HAZARD: This pesticide is toxic to fish and aquatic organisms.

PHYSICAL OR CHEMICAL HAZARD: Strong oxidizing agent.
Do not mix with other chemicals. Never add water to product. Always add product to large quantities of water. Use only clean, dry utensils. Do not add this product to any dispensing device containing remnants of any other product. Such use may cause a violent reaction leading to fire or explosion. Contamination with moisture, organic material or other chemicals may start a chemical reaction with generation of heat, liberation of hazardous gases and possible fire or explosion. Avoid contact with flaming or burning material, such as lighted cigarette. In case of contamination or decomposition, do not reseal container. If possible, isolate container in open and well-ventilated area and flood with large amounts of water.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories
Immediate Hazard - Yes
Delayed Hazard - Yes
Fire Hazard - Yes
Pressure Hazard - No
Reactivity Hazard - Yes

SARA 302 Extremely hazardous substance
No

SARA 311/312 Hazardous chemical
No

SARA 313 (TRI reporting)
Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
Not regulated.

Safe Drinking Water Act (SDWA)
Not regulated.

Food and Drug Administration (FDA)
Not regulated.

US state regulations
California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance
Not listed.

US - New Jersey RTK - Substances: Listed substance

1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-trichloro- (CAS 87-90-1)	Listed.
Boric acid (CAS 10043-35-3)	Listed.

US - Texas Effects Screening Levels: Listed substance

1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-trichloro- (CAS 87-90-1)	Listed.
Boric acid (CAS 10043-35-3)	Listed.

US. Massachusetts RTK - Substance List

1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-trichloro- (CAS 87-90-1)	Listed.

US. Pennsylvania RTK - Hazardous Substances

1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-trichloro- (CAS 87-90-1)	Listed.

US. Rhode Island RTK
Not regulated.

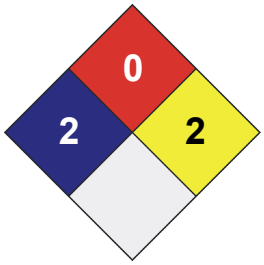
Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s)

16. Other Information

LEGEND	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

HEALTH	*	3
FLAMMABILITY		0
PHYSICAL HAZARD		2
PERSONAL PROTECTION		X



Disclaimer	The information in the sheet was written based on the best knowledge and experience currently available. Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.
Issue date	24-June-2015
Further information	For an updated SDS, please contact the supplier/manufacturer listed on the first page of the document.
Other information	This Safety Data Sheet was prepared to comply with the current OSHA Hazard Communication Standard (HCS) adoption of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS).
Prepared by	Dell Tech Laboratories Ltd. Phone: (519) 858-5021