

MSDS Document

Product MULTI SHOCK

1. Chemical Product and Company Identification

Trade Name of this Product MULTI SHOCK

MSDS ID MSDS2690

Manufacturer

Haviland Consumer Products, Inc.
421 Ann Street N.W.
Grand Rapids, MI 49504

Phone Number

(616) 361-6691

Emergency Phone

CHEMTREC (800) 424-9300

CHEMTREC International (703) 527-3887

Revision Date 00/00/00

Health:	3
Fire:	0
Reactivity:	2
Specific	

2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
Sodium dichloro-s-triazinetriene	2893-78-9	45 %	Not Established	Not Established	
"Oxone" Monopersulfate Compound	70693-62-8		Not Established	Not Established	

3. Hazard Identification

Emergency Overview

Contact with this material can cause severe irritation or burns to the skin, eyes, and mucous membranes.

Health Effects

Skin contact with moisture or perspiration may cause skin burns or ulceration; temporary body hair loss may occur in contacted areas. Eye contact may cause eye corrosion or ulceration. Inhalation may cause nose bleeds and irritation of the upper respiratory

passages with coughing and discomfort. Ingestion may cause gastritis possibly progressing to necrosis or hemorrhage.

Carcinogenicity

None of the components present in this material are listed by IARC or NTP as a carcinogen.

Reproductive Effects

None known

Routes of Entry

Inhalation, Ingestion, Skin or Eye Contact

4. First Aid Information

Inhalation

Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Skin Contact

Flush with plenty of water for at least 15 minutes while removing contaminated clothing. Get medical attention.

Eye Contact

Flush immediately with plenty of water for at least 15 minutes, get medical attention.

Ingestion

Call a physician immediately. Do not induce vomiting. Dilute by drinking water or milk. Never give anything by mouth to an unconscious person.

5. Fire Fighting Measures

Flash Point N/A

Extinguishing Media

Use water only. Do not use dry chemicals, carbon dioxide, or foam. Flood with plenty of water.

Special Fire Fighting Procedures

Will release oxygen when heated, intensifying a fire. Acidic mist may be present; self contained breathing apparatus should be used.

Unusual Fire Hazard

None known.

6. Accidental Release Measures

Spill and Leak Procedures

Use appropriate personal protective equipment during clean-up. Sweep up solid. Flush liquid spills with low pressure water.

7. Handling and Storage

Handling Procedures

Do not inhale. Do not get in eyes, on skin or clothing. Wash thoroughly after handling.
Wash clothing after use.

Storage Procedures

Store in a cool, dry, well-ventilated area away from heat sources.

8. Exposure Controls and Personal Protection

Engineering Controls

Set up ventilation to effectively remove and prevent buildup of any dust generated from the handling of this product.

Eye Protection

Safety glasses or goggles required.

Protective Gloves

Rubber or other impervious materials.

Respiratory Protection

If ventilation is not sufficient to effectively prevent buildup of dust, appropriate NIOSH/MSHA respiratory protection must be provided.

Other Protective Equipment

Flowing water source should be available. Prevent contact with skin & clothing by using protective garments.

9. Physical and Chemical Properties

Physical State	Solid
Specific Gravity	1.25
Color/Appearance	Granular
Odor	Odorless
pH	3.5 - 4 (1% solution)
Boiling/Cond. Point	Not applicable
Melting/Freezing Point	Not applicable
Solubility	25 g 100 cc H ₂ O @ 20°C
Percent Volatile	< 1
Vapor Density	Not applicable
Vapor Pressure	Not applicable

10. Stability and Reactivity

Chemical Stability

Stable under normal conditions

Conditions to Avoid

Avoid heat and moisture.

Incompatible Materials

Compounds containing halide or active halogens. Heavy metal salts.

Hazardous Decomposition Products

Decomposes when heated or dampened, releasing oxygen and heat of decomposition.
Chlorine gas.

Hazardous Polymerization

Will not occur.

11. Toxicological Information

No information available.

12. Ecological Information

No information available.

13. Disposal Considerations

Waste Disposal

Comply with federal, state, and local regulations. If approved, may be transferred to a licensed contractor, or flushed to sewer to waste treatment system.

14. Transportation Information

DOT Shipping Name

Oxidizing solid, n.o.s. (Sodium dichloro-s-triazinetrione)

Hazard Class

5.1, Oxidizer

UN Number

UN1479

Packing Group

PG III

NOTE: Oxidizers in Packing Group III in inner packagings not over 4.0 L (1 gallon) for liquids or 5.0 kg (11 pounds) for solids, packed in strong outer packagings, may be renamed "Consumer Commodity" and reclassified as ORM-D material. Total package may not exceed 30 kg (66 pounds) gross weight.

15. Regulatory Information

TSCA

Hazardous Component(s) subject to reporting on the TSCA List.

WHMIS

Hazardous Component(s) subject to WHMIS Ingredient Disclosure.

16. Other Information

EPA Reg. No. 71654-10-57787

Disclaimer

Nothing contained herein grants or extends a license, express or implied, in connection with patents, issued or pending, of the manufacturer or others. The manufacturer makes no warranties, expressed or implied, as to the accuracy, completeness, or adequacy of the information contained herein. The manufacturer shall not be held liable (regardless of fault) to the vendee's employees, or anyone for any direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy or furnishing of such information.

This information is based upon technical information believed to be reliable. It is subject to revision as additional knowledge and experience is gained.