

MSDS Document

Product ProTeam® QUICK SHOCK

1. Chemical Product and Company Identification

Product ProTeam® QUICK SHOCK

MSDS ID MSDS2440

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 3/31/2010

Health:	3
Fire:	0
Reactivity:	1
Specific	

2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
Sodium Dichloro-s-triazinetriane, Dihydrate	51580-86-0	99 %	1,5 mg/m ³	Not Established	

3. Hazard Identification

Emergency Overview

Harmful by ingestion. Causes burns in contact with the skin and eyes.

Health Effects

Contact with the skin may cause redness, strong burning sensation, with eventual ulceration. Contact with the eyes may cause pain and tears. Impaired vision. Ingestion may cause abdominal pain, nausea, general weakness. Inhalation may cause sore throat, cough, nausea.

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

Eye Contact

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

Skin Contact

Flush with water for at least 15 minutes while removing contaminated clothing. If irritation persists, get medical attention.

Inhalation

Fresh air should alleviate any respiratory discomfort. If breathing difficulties develop or persist, 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 > 150°C

Extinguishing Media

Flood with copious amounts of water, DO NOT use ABC or other dry chemical extinguishers since there is the potential of a violent reaction.

Special Fire Fighting Procedures

Fire fighters should wear full protective clothing including self-contained breathing apparatus.

Unusual Fire Hazard

None known.

6. Accidental Release Measures

Spill and Leak Procedures

Sweep and fully collect the spilled product. If there is some non-polluted product left, separate it from the rest and collect it into a clean container with inner plastic bag. Contaminated product must be destroyed.

7. Handling and Storage

Handling Procedures

Use with adequate ventilation. Avoid breathing dusts. Do not get in eyes, on skin, or on clothing. Wear eye protection and protective clothing. Wash thoroughly after handling.

Storage Procedures

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against

physical damage. Avoid dust formation and control ignition sources.

8. Exposure Controls and Personal Protection

Engineering Controls

Use in well ventilated areas.

Eye Protection

Chemical safety goggles

Protective Gloves

Rubber or other impervious materials.

Respiratory Protection

When conditions cause excessive airborne levels of dusts, use NIOSH-approved respiratory equipment with full mask equipped with suitable filter (combined for dust and halogens).

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
Color/Appearance	White granular
Odor	Slight chlorine odor
pH	6.0 - 7.0 (1% solution)
Boiling/Cond. Point	No Information Available
Melting/Freezing Point	240-250°C (Decomposes)
Solubility	29g/100g @ 25°C
Vapor Density	Not Applicable
Vapor Pressure	Not Applicable

10. Stability and Reactivity

Chemical Stability

Stable under normal conditions

Conditions to Avoid

Humidity and temperatures over 40°C.

Incompatible Materials

Product attacks metals in general. It reacts with water, oxidant and reducing agents, acids, alkalis, nitrogen products, ammonium salts, urea, amines, quaternary ammonium derivatives, oils, fats, peroxides, cationic tensioactives, etc.

Hazardous Decomposition Products

In combination with the above mentioned products, it decomposes and gives off a great quantity of heat, chlorine, nitrogen trichloride, chlorine oxides, etc. with subsequent danger of explosion.

Hazardous Polymerization

Will not occur.

11. Toxicological Information

No information available.

12. Ecological Information

Toxic for fish and algae. Do not pour directly to rivers, lakes, etc.

13. Disposal Considerations

Waste Disposal

Observe all federal, state, and local regulations. The responsibility for proper waste disposal is with the owner of the waste.

14. Transportation Information

DOT Shipping Name

Not Regulated

15. Regulatory Information

TSCA

All ingredients of this material are listed on the TSCA inventory.

16. Other Information

EPA Reg. No. 57787-9

NFPA Storage Classification:

NFPA Oxidizer Class 1

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