

MSDS Document

Product ProTeam® SYSTEM SUPPORT

1. Chemical Product and Company Identification

Product ProTeam® SYSTEM SUPPORT

MSDS ID MSDS2387

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 4/1/2010

Health:	2
Fire:	0
Reactivity:	1
Specific	

2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
Sodium Carbonate	15630-89-4		10 mg/m3	15 mg/m3	
Peroxyhydrate					

3. Hazard Identification

Emergency Overview

Harmful if inhaled or swallowed. Contact with this material can cause irritation to the skin, eyes, and mucous membranes.

Health Effects

Contact with the eyes and skin may result in severe irritation. Inhalation may result in respiratory tract irritation. Ingestion may result in gastric disturbances.

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.

Ingestion

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

Inhalation

Fresh air should alleviate any respiratory discomfort. If breathing difficulties develop or persist, get medical attention.

5. Fire Fighting Measures

Flash Point N/A

Extinguishing Media

Water spray, foam, carbon dioxide, dry chemical

Special Fire Fighting Procedures

Fire fighters must use full bunker gear including NIOSH-approved positive pressure self-contained breathing apparatus.

Unusual Fire Hazard

Damp material may decompose exothermically and ignite combustibles.

6. Accidental Release Measures

Spill and Leak Procedures

Use protective goggles with side-shield, dust respirator and rubber gloves. Prevent dusting either shovel/sweep into clean, intact packaging for possible re-use or hose down concentrated spills. Keep away from surface water and ground contact. Toxic to fish and aquatic organisms.

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

Keep container closed. Store in a dry place. Protect from atmospheric moisture. Store in original container. Avoid sunlight and excessive heat.

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

Chemical safety goggles

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
Color/Appearance	White granular
Odor	Odorless
pH	10.5 (1% solution)
Boiling/Cond. Point	Not applicable
Melting/Freezing Point	Not applicable
Solubility	Soluble
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

Strong oxidizing agents, acids, and bases. Avoid contact with reducing agents. Organic materials. Flammable substances. Heavy metals.

Hazardous Decomposition Products

Decomposes when heated or dampened, releasing oxygen and heat of decomposition. Carbon oxides.

Hazardous Polymerization

Will not occur.

11. Toxicological Information

Acute oral LD50 rat: 1,034 mg/kg

12. Ecological Information

This material is toxic to aquatic organisms.

13. Disposal Considerations

Waste Disposal

Responsibility for proper waste disposal rests with the generator of the waste. Dispose of any waste material in accordance with all applicable federal, state, and local regulations. Note that these regulations may also apply to empty containers and liners. Processing, use, dilution or contamination of this product may cause its physical and chemical properties to change.

14. Transportation Information

DOT Shipping Name

Oxidizing solid, n.o.s. (Sodium Percarbonate)

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.

16. Other Information

NFPA Storage Classification:

NFPA Oxidizer Class 1

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

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