

**HAVILAND CONSUMER PRODUCTS, INC**  
**SAFETY DATA SHEET**



**Section 1: Identification**

Product Name: Proteam Reverse    Product Code: C002872

Haviland Consumer Products, Inc.  
421 Ann Street NW  
Grand Rapids, MI 49504  
(616) 361-6691

**Emergency Phone:**

CHEMTREC: Canada and USA - (800) 424-9300

CHEMTREC: In Mexico - 01-800-681-9531

Product Use: NA

Not recommended for: NA

**Section 2: Hazard(s) Identification**

**GHS Ratings:**

Skin sensitizer

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Skin sensitizer

**GHS Hazards**

H317                      May cause an allergic skin reaction

**GHS Precautions**

P261                      Avoid breathing dust/fume/gas/mist/vapors/spray

P272                      Contaminated work clothing should not be allowed out of the workplace

P280                      Wear protective gloves/protective clothing/eye protection/face protection

P321                      Specific treatment (see first aid treatment on SDS)

P363                      Wash contaminated clothing before reuse

P302+P352              IF ON SKIN: Wash with soap and water

P333+P313              If skin irritation or a rash occurs: Get medical advice/attention

P501                      Dispose of contents/container in accordance with local/regional/national/international regulations

**Warning**



**Section 3: Composition/Information on Ingredients**

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Sodium thiosulfate 7772-98-7 90 to 100%			

#### Section 4: First-aid Measures

##### Inhalation

Rescuers should put on appropriate protective gear. Remove from area of exposure. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Keep victim warm. Get immediate medical attention. To prevent aspiration, keep head below knees.

##### Eye Contact

Immediately flush eyes with water. Flush eyes with water for a minimum of 15 minutes, occasionally lifting and lowering upper lids. Get medical attention promptly.

##### Skin Contact

Remove contaminated clothing. Wash skin with soap and water. Get medical attention. Wash clothing separately and clean shoes before reuse.

##### Ingestion

If swallowed, do NOT induce vomiting. Give victim a glass of water. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

#### Section 5: Fire-fighting Measures

##### Extinguishing Media

Use media suitable for the surrounding fires.

##### Specific Hazards Arising from the Chemical

None known

##### Special Protective Equipment and Precautions for Firefighters

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

#### Section 6: Accidental Release Measures

##### Spill and Leak Procedures

Wear appropriate protective equipment and clothing during clean up. Sweep spill and transfer material into appropriate container(s) for disposal.

#### Section 7: Handling and Storage

##### Handling Procedures

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

**STORAGE:** Keep away from heat, sparks, and flame. Store containers in a cool, well ventilated place. Keep container closed when not in use. Protect from direct sunlight.

#### Section 8: Exposure Control/Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Sodium thiosulfate 7772-98-7			

**RESPIRATORY PROTECTION:** A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant the use of a respirator.

**SKIN PROTECTION:** Wear impervious protective gloves. Wear protective gear as needed - apron, suit, boots.

**EYE PROTECTION:** Wear safety glasses with side shields (or goggles) and a face shield.

**OTHER PROTECTIVE EQUIPMENT:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

**HYGIENIC PRACTICES:** Do not eat, drink, or smoke in areas where this material is used. Avoid breathing vapors. Remove contaminated clothing and wash before reuse. Wash thoroughly after handling. Wash hands before eating.

#### Section 9: Physical and Chemical Properties

<p><b>Appearance:</b> Clear to white granules or crystals</p> <p><b>Vapor Pressure:</b> Unknown</p> <p><b>Vapor Density:</b> Unknown</p> <p><b>Density:</b> Unknown</p> <p><b>Freezing point:</b> Unknown</p> <p><b>Boiling range:</b> Unknown</p> <p><b>Evaporation rate:</b> Unknown</p> <p><b>Explosive Limits:</b> Unknown</p> <p><b>Autoignition temperature:</b> Unknown</p> <p><b>Viscosity:</b> Unknown</p>	<p><b>Odor:</b> Odorless</p> <p><b>Odor threshold:</b> Unknown</p> <p><b>pH:</b> Unknown</p> <p><b>Melting point:</b> Unknown</p> <p><b>Solubility:</b> 52% @ 0°C</p> <p><b>Flash point:</b> Unknown</p> <p><b>Flammability:</b> Unknown</p> <p><b>Specific Gravity:</b> 1.685</p> <p><b>Decomposition temperature:</b> Unknown</p> <p><b>Grams VOC less water:</b> Unknown</p>
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#### Section 10: Stability and Reactivity

**Chemical Stability:**

STABLE

**Incompatible Materials**

Strong oxidizing agents. Acids.

**Conditions to Avoid**

None known

**Hazardous Decomposition Products**

Sulfur dioxide gas. Hydrogen sulfide gas. Sodium sulfide residue.

**Hazardous Polymerization**

Hazardous polymerization will not occur.

#### Section 11: Toxicology Information

**Mixture Toxicity**

**Routes of Entry:**

Inhalation  
Ingestion  
Skin contact  
Eye contact

**Effects of Overexposure**

**Emergency Overview**

May irritate the skin and respiratory tract. May cause irritation and/or burns to the eyes.

**Acute Health Effects**

May cause skin irritation from repeated or prolonged contact. May irritate or burn the eyes

and cause temporary conjunctivitis. Inhalation may irritate the respiratory tract. Ingestion may cause irritation of the gastrointestinal tract and purging, if a large quantity is ingested.

CAS Number

Description

% Weight

Carcinogen Rating

**Section 12: Ecological Information**

**Component Ecotoxicity**

**Section 13: Disposal Considerations**

Dispose of in accordance with local, state and federal regulations.

**Section 14: Transportation Information**

Water Treatment Compound Non-Regulated.

**Section 15: Regulatory Information**

Country

Regulation

All Components Listed

**Section 16: Other Information**

Date Prepared: 2/05/2020

**Disclaimer**

The information herein is believed to be correct, but does not claim to be all inclusive and should be used only as a guide. Neither the above named supplier nor any of its affiliates or subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All chemical reagents must be handled with the recognition that their chemical, physiological, toxicological, and hazardous properties have not been fully investigated or determined. All chemical reagents should be handled only by individuals who are familiar with their potential hazards and who have been fully trained in proper safety, laboratory, and chemical handling procedures. Although certain hazards are described herein, we can not guarantee that these are the only hazards which exist. Our SDS are based only on data available at the time of shipping and are subject to change without notice as new information is obtained. Avoid long storage periods since the product is subject to degradation with age and may become more dangerous or hazardous. It is the responsibility of the user to request updated SDS for products that are stored for extended periods. Disposal of unused product must be undertaken by qualified personnel who are knowledgeable in all applicable regulations and follow all pertinent safety precautions including the use of appropriate protective equipment (e.g. protective goggles, protective clothing, breathing equipment, face mask, fume hood). For proper handling and disposal, always comply with federal, state and local regulations.