

HAVILAND CONSUMER PRODUCTS, INC
SAFETY DATA SHEET



Section 1: Identification

Product Name: Proteam Severest Algae Treat Product Code: C003143

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

Emergency Phone
CHEMTREC (800) 424-9300
CHEMTREC International (703) 527-3887

Product Use: NA
Not recommended for: NA

Section 2: Hazard(s) Identification

GHS Ratings:

Oral Toxicity	Acute Tox. 4	Oral>300+<=2000mg/kg
Inhalation Toxicity	Acute Tox. 3	Gases>500+<=2500ppm, Vapors>2+<=10mg/l, Dusts&mists>0.5+<=1mg/l
Skin corrosive	1A	Destruction of dermal tissue: Exposure < 3 min. Observation < 1 hour, visible necrosis in at least one animal
Eye corrosive	2B	Mild eye irritant: Subcategory 2B, Reversible in 7 days
Skin sensitizer	1	Skin sensitizer
Aquatic toxicity	A1	Acute toxicity <= 1.00 mg/l

GHS Hazards

H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H317	May cause an allergic skin reaction
H320	Causes eye irritation
H331	Toxic if inhaled
H400	Very toxic to aquatic life

GHS Precautions

P260	Do not breathe dust/fume/gas/mist/vapors/spray
P261	Avoid breathing dust/fume/gas/mist/vapors/spray
P264	Wash face, hands, and any exposed skin thoroughly after handling
P270	Do not eat, drink or smoke when using this product
P271	Use only outdoors or in a well-ventilated area
P272	Contaminated work clothing should not be allowed out of the workplace
P273	Avoid release to the environment
P280	Wear protective gloves/protective clothing/eye protection/face protection
P310	Immediately call a POISON CENTER or doctor/physician
P311	Call a POISON CENTER or doctor/physician
P321	Specific treatment (see first aid treatment on SDS)
P330	Rinse mouth
P363	Wash contaminated clothing before reuse

P391	Collect spillage
P301+P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
P302+P352	IF ON SKIN: Wash with soap and water
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention
P337+P313	If eye irritation persists get medical advice/attention
P405	Store locked up
P403+P233	Store in a well ventilated place. Keep container tightly closed
P501	Dispose of contents/container in accordance with local/regional/national/international regulations

Danger



Section 3: Composition/Information on Ingredients

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Copper, [[2,2',2''-(nitriilo-.kappa.N)tris[ethanol-.kappa.O]](2-)]-82027-59-6 20 to 30%			

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

LEL:

UEL:

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

Use proper personal protective equipment. Soak up with absorbent material and place in properly labeled containers for disposal.

Section 7: Handling and Storage

Handling Procedures

Do not get in eyes, on skin, or on clothing. Wear eye protection and protective clothing. Wash thoroughly after handling.

Storage: Store in original container in a cool, dry place inaccessible to children or persons unfamiliar with its use.

Section 8: Exposure Control/Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Copper, [[2,2',2''-(nitriilo-.kappa.N)tris [ethanol-.kappa.O]](2-)]-82027-59-6			

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.

HYGENIC 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>Appearance: Dark blue liquid</p> <p>Vapor Pressure: Unknown</p> <p>Vapor Density: Unknown</p> <p>Density: Unknown</p> <p>Freezing point: Unknown</p> <p>Boiling range: Unknown</p> <p>Evaporation rate: Unknown</p> <p>Explosive Limits: Unknown</p> <p>Autoignition temperature: Unknown</p> <p>Viscosity: Unknown</p>	<p>Odor: Odorless</p> <p>Odor threshold: Unknown</p> <p>pH: 8.4</p> <p>Melting point: Unknown</p> <p>Solubility: Soluble</p> <p>Flash point: Unknown</p> <p>Flammability: Unknown</p> <p>Specific Gravity: 1.17</p> <p>Decomposition temperature: Unknown</p> <p>Grams VOC less water: Unknown</p>
--	--

Section 10: Stability and Reactivity

Chemical Stability:

STABLE

Incompatible Materials

None currently known

Conditions to Avoid

Do not use where pH of water is below 6. Copper chelate may dissociate and release copper ions which could subsequently be precipitated as insoluble copper salts. Should not be applied when water temperature is below 60°F.

Hazardous Decomposition Products

None currently known

Hazardous Polymerization

Hazardous polymerization will not occur.

Section 11: Toxicology Information

Mixture Toxicity

Oral Toxicity LD50: 1,331mg/kg

Inhalation Toxicity LC50: 2mg/L

Routes of Entry:

- Inhalation
- Ingestion
- Skin contact
- Eye contact

Target Organs

Effects of Overexposure

Emergency Overview

Harmful if swallowed. May cause skin and eye irritation.

Health Effects

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

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
-------------------	--------------------	-----------------	--------------------------

Section 12: Ecological Information

Component Ecotoxicity

Section 13: Disposal Considerations

Pesticide Disposal: Product or rinsate that cannot be used must be diluted with water before disposal in a sanitary sewer.

Container Handling: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. If not, discard in trash.

Section 14: Transportation Informations

Refer to Bill of Lading or container label for DOT or other transportation hazard classification, if any .

Section 15: Regulatory Information

EPA Reg. No. 57787-17

FIFRA information:

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

CAUTION.

Harmful if inhaled.

Causes moderate eye irritation.

Harmful if swallowed or absorbed through the skin.

Avoid breathing vapor or spray mist.

Avoid contact with skin, eyes or clothing.

Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

This pesticide is toxic to fish and aquatic invertebrates and may contaminate water through runoff .

Country

Regulation

All Components Listed

Section 16: Other Information

Date Prepared: 7/23/2015

Reviewer Revision

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.