

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



**Section 1: Identification**

Product Name: Salt Support Stain & Scale    Product Code: C005315

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:  
Not recommended for:

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

**GHS Ratings:**

Corrosive to metals	1	Corrosive to metals
Inhalation Toxicity	Acute Tox. 4	Gases>2500+<=5000ppm, Vapors>10+<=20mg/l, Dusts&mists>1+<=5mg/l
Skin corrosive	2	Reversible adverse effects in dermal tissue, Draize score: >= 2.3 < 4.0 or persistent inflammation
Eye corrosive	1	Serious eye damage: Irreversible damage 21 days after exposure, Draize score: Corneal opacity >= 3, Iritis > 1.5
Carcinogen	2	Limited evidence of human or animal carcinogenicity
Organ toxin repeated exposure	2	Presumed to be harmful to human health- Animal studies with significant toxic effects relevant to humans at generally moderate exposure (guidance)- Human evidence in exceptional cases

**GHS Hazards**

H290	May be corrosive to metals
H315	Causes skin irritation
H318	Causes serious eye damage
H332	Harmful if inhaled
H351	Suspected of causing cancer
H373	May cause damage to organs through prolonged or repeated exposure

**GHS Precautions**

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P234	Keep only in original container
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
P271	Use only outdoors or in a well-ventilated area
P280	Wear protective gloves/protective clothing/eye protection/face protection
P281	Use personal protective equipment as required
P310	Immediately call a POISON CENTER or doctor/physician
P312	Call a POISON CENTER or doctor/physician if you feel unwell

P314	Get Medical advice/attention if you feel unwell
P321	Specific treatment (see first aid treatment on SDS)
P362	Take off contaminated clothing and wash before reuse
P390	Absorb spillage to prevent material damage
P302+P352	If on skin: Wash with plenty of soap and water.
P304+P340	If inhales: 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.
P308+P313	If exposed or concerned get medical advice / attention.
P332+P313	If skin irritation occurs: Get medical advice / attention
P405	Store locked up
P406	Store in a corrosive resistant container with a resistant inner liner
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
Tetrasodium EDTA 64-02-8 30 to 40%			
Trade Secret 1 to 5%			
Trade Secret 1 to 5%	2 mg/m3 TWA	2 mg/m3 Ceiling	NIOSH: 2 mg/m3 Ceiling
Nitritotriacetic acid trisodium salt 5064-31-3 0.1 to 1.0%			

**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.

<b>Section 5: Fire-fighting Measures</b>
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LEL:

UEL:

**Extinguishing Media****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.

<b>Section 6: Accidental Release Measures</b>
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**Spill and Leak Procedures**

<b>Section 7: Handling and Storage</b>
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**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 s

<b>Section 8: Exposure Control/Personal Protection</b>
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Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Tetrasodium EDTA 64-02-8			
Trade Secret N/A			
Trade Secret N/A	2 mg/m3 TWA	2 mg/m3 Ceiling	NIOSH: 2 mg/m3 Ceiling
Nitilotriacetic acid trisodium salt 5064-31-3			

**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><b>Appearance:</b> Colorless to yellow liquid</p> <p><b>Vapor Pressure:</b> Not Available</p> <p><b>Vapor Density:</b> Not Available</p> <p><b>Density:</b> Not Available</p> <p><b>Freezing point:</b> -25°C</p> <p><b>Boiling range:</b> 106°C</p> <p><b>Evaporation rate:</b> Not Available</p> <p><b>Explosive Limits:</b> Not Available</p> <p><b>Autoignition temperature:</b> Not Available</p> <p><b>Viscosity:</b> Not Available</p>	<p><b>Odor:</b> Mild</p> <p><b>Odor threshold:</b> Not Available</p> <p><b>pH:</b> 11.0-11.8</p> <p><b>Melting point:</b> Not Available</p> <p><b>Solubility:</b> Complete in water</p> <p><b>Flash point:</b> Not Available</p> <p><b>Flammability:</b> Not Available</p> <p><b>Specific Gravity:</b> 1.31</p> <p><b>Decomposition temperature:</b> Not Available</p> <p><b>Grams VOC less water:</b> Not Available</p>
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**Section 10: Stability and Reactivity**

**Chemical Stability:**

STABLE

**Incompatible Materials**

**Conditions to Avoid**

**Hazardous Decomposition Products**

**Hazardous Polymerization**

Hazardous polymerization will not occur.

**Section 11: Toxicology Information**

**Mixture Toxicity**

Oral Toxicity LD50: 4,167mg/kg

**Component Toxicity**

**Routes of Entry:**

Inhalation

Ingestion

Skin contact

Eye contact

**Target Organs**

Eyes

Skin

Respiratory System

**Effects of Overexposure**

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
5064-31-3	Nitrilotriacetic acid trisodium salt	0.1 to 1.0%	Nitrilotriacetic acid trisodium salt: IARC: Possible human carcinogen OSHA: listed

**Section 12: Ecological Information**

**Component Ecotoxicity**

Tetrasodium EDTA	96 Hr LC50 Lepomis macrochirus: 41 mg/L [static]; 96 Hr LC50 Pimephales promelas: 59.8 mg/L [static] 72 Hr EC50 Desmodemus subspicatus: 1.01 mg/L
Trade Secret	96 Hr LC50 Oncorhynchus mykiss: 45.4 mg/L [static]
Nitrilotriacetic acid trisodium salt	96 Hr LC50 Pimephales promelas: 93 - 170 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 175 - 225 mg/L [static]; 96 Hr LC50 Lepomis macrochirus: 252 mg/L; 96 Hr LC50 Pimephales promelas: 470 mg/L [static]; 96 Hr LC50 Oryzias latipes: 560 - 1000 mg/L; 96 Hr LC50 Oryzias latipes: 560 - 1000 mg/L [semi-static]; 96 Hr LC50 Oncorhynchus mykiss: 72 - 133 mg/L [static]; 96 Hr LC50 Poecilia reticulata: 560 - 1000 mg/L [semi-static]; 96 Hr LC50 Poecilia reticulata: 560 - 1000 mg/L; 96 Hr LC50 Pimephales promelas: 114 mg/L 48 Hr LC50 Daphnia magna: 560 - 1000 mg/L

**Section 13: Disposal Considerations**

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

**Section 14: Transportation Information**

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

**Section 15: Regulatory Information**

**CERCLA/SARA Hazardous Substances**

Trade Secret

**TSCA 8(b) Inventory**

5064-31-3 Nitrilotriacetic acid trisodium salt

Trade Secret

Trade Secret

64-02-8 Tetrasodium EDTA

**Country**

**Regulation**

**All Components Listed**

**Section 16: Other Information**

**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.