

# Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

# U.S. Department of Labor


Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

<b>IDENTITY</b> ( <i>As Used on Label and List</i> ) <b>STRUVICIDE™ Soak</b>	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
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## Section I: Product and Company Identification

<b>Manufacturer's Name</b> Grignard Company LLC	<b>24 hour Emergency Telephone Contact Number</b> CHEMTREC Domestic North America: <b>800-424-9300</b>
<b>Address</b> ( <i>Number, Street, City, State, and ZIP Code</i> ) 505 Capobianco Plaza Rahway, NJ 07065	<b>Telephone Number for Information</b> 732-340-1111
<b>Date Prepared</b> September, 2018	<b>Date Updated</b> August, 2022

## Section II: Hazard(s) Identification

<b>Hazardous Components</b> ( <b>Specific Chemical Identity;</b> <b>Common Name(s)</b> )		<b>OSHA PEL</b>	<b>ACGIH TLV</b>	<b>Other Limits Recommended</b>
Hydrochloric Acid CAS#7647-01-0				
<b>Routes of Exposure:</b> Eye contact, Skin Contact, Ingestion, Inhalation				
<b>Health Hazards</b> ( <i>Acute and Chronic</i> ) <b>Hazard Statements</b> – H303: May be harmful if swallowed H314: Causes severe skin burns and eye damage when exposed for > 3 minutes to 60 minutes H335: May cause respiratory irritation  <b>Precautionary Statements</b> – <b>P280:</b> Wear protective gloves and eye protection <b>P281:</b> Use personal protective equipment as required				
<b>Signs and Symptoms of Exposure</b> None known				
<b>Medical Conditions Generally Aggravated by Exposure</b> Not known				

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## Section III – Composition / Information on Ingredients

CAS	Ingredient Name	% by Weight
7647-01-0	Hydrochloric Acid	5 – 7
Proprietary	Non-Hazardous Components	93 - 95

Grignard Company LLC withholds the specific chemical identity and/or exact percentages of the composition of our products due to this information being a part of our Intellectual Property.

## Section IV: First Aid Measures

**Eyes:** Flush eyes with water for at least 15 minutes. If irritation persists, seek medical assistance  
**Skin:** Wash contact areas with soap and water. Take off contaminated clothing. Seek medical attention if irritation persists.  
**Inhalation:** Move victim to fresh air. If symptoms persist, get medical attention.  
**Ingestion:** Do NOT induce vomiting. Seek medical attention.

## Section V: Fire – Fighting Measures

<b>Flash Point (Method Used)</b> Not flammable	<b>Flammable Limits</b> N/A	<b>LEL</b> N/A	<b>UEL</b> N/A
<b>Extinguishing Media</b> Use water fog, foam, CO <sub>2</sub> or dry chemical powder.			
<b>Special Fire Fighting Procedures</b> Wear self-contained breathing apparatus and full protective clothing			
<b>Unusual Fire and Explosion Hazards</b> None			

## Section VI: Accidental Release Measures

<b>Personal Precautions:</b> Isolate area. Keep unnecessary personnel away.
<b>Environmental precautions:</b> Prevent further leakage or spillage if safe to do so.
<b>Method for Clean Up:</b> <b>Small spills:</b> Rinse area with copious amounts of water to dilute. Sodium bicarbonate may also be used to absorb/neutralize liquid. Place into well labelled container for later disposal. <b>Large Spills:</b> Dike area to contain spill

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## Section VII: Handling and Storage

<b>Handling</b> Avoid contact with skin and eyes. Wash hands thoroughly after handling.
<b>Storing</b> Store in a cool and dry place in closed containers. Keep in a well-ventilated place.

## Section VIII: Exposure Controls/Personal Protection

<b>Respiratory Protection (<i>Specify Type</i>)</b> None required under normal operating conditions. If ventilation is not sufficient to effectively prevent buildup of aerosols, appropriate NIOSH/MSHA respiratory protection must be provided.		
<b>Ventilation</b> General	<b>Local Exhaust</b>	<b>Special</b>
	<b>Mechanical (<i>General</i>)</b>	<b>Other</b>
<b>Protective Gloves</b> Chemical resistant gloves		<b>Eye Protection</b> Chemical goggles
<b>Other Protective Clothing or Equipment</b> Suitable protective clothing.		
<b>Work/Hygienic Practices:</b> Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking		

## Section IX: Physical and Chemical Properties

<b>Boiling Point</b>	N/A	<b>Specific Gravity (H<sub>2</sub>O = 1)</b>	1.05 – 1.07
<b>Vapor Pressure (mm Hg.)</b>	N/A	<b>pH</b>	< 2.0
<b>Vapor Density (AIR = 1)</b>	N/A	<b>Evaporation Rate (Butyl Acetate = 1)</b>	N/A
<b>Solubility in Water:</b> Complete			
<b>Physical State:</b> Liquid			
<b>Appearance:</b> Clear, Yellow liquid			
<b>Odor:</b> Slight Acidic			

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## Section X: Stability and Reactivity

<b>Stability:</b>	Stable	<b>Hazardous Polymerization:</b>	Will Not Occur
<b>Incompatibility (Materials to Avoid):</b> Strong alkalis, oxidizing agents			
<b>Conditions to Avoid:</b> Extreme temperatures, Contact with incompatible materials			
<b>Possibility of Hazardous Reactions:</b> Will not occur			
<b>Hazardous Decomposition Products:</b> Carbon oxides, chlorine			

## Section XI: Toxicological Information

No toxicity tests have been carried out for this product. Acute toxicity data was determined based on toxicity of individual components contained for this product
<b>Acute oral toxicity:</b> May result in gastrointestinal irritation
<b>Acute inhalation:</b> May cause irritation to upper respiratory tract.
<b>Acute dermal toxicity:</b> Not been determined
<b>Skin irritation:</b> Prolonged contact may cause burns
<b>Eye irritation:</b> May cause severe eye irritation
<b>Carcinogenicity/Other Information:</b> None of the components are listed by: <b>NTP, IARC, ACGIH, OSHA</b>

## Section XII: Ecological Information

<b>Toxicity:</b> May affect aquatic organisms if it lowers aquatic system pH < 5
<b>Biodegradability:</b> Not applicable
<b>Bio-accumulative potential:</b> Not expected
<b>Other Adverse Effects:</b> Not available

## Section XIII: Disposal Considerations

<b>Disposal Recommendations:</b> Disposal must be in accordance with current applicable laws and regulations. Pure dissolved material is calcium chloride when used as directed.
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## Section XIV: Transportation

<b>Land (DOT):</b> UN1789, Hydrochloric Acid, 8, II
<b>Land (TDG):</b> UN1789, Hydrochloric Acid, 8, II
<b>Sea (IMDG):</b> UN1789, Hydrochloric Acid, 8, II
<b>Air (IATA):</b> UN1789, Hydrochloric Acid, 8, II

## Section XV: Regulatory Information

<b>OSHA Hazard Communication Standard:</b> When used for its intended purposes, this material is not classified as hazardous in accordance with OSHA 29 CFR 1910.1200.
<b>EPCRA:</b> This material contains no extremely hazardous substances.
<b>SARA (311/312) Reportable Hazard Categories:</b> Acute health hazard, Chronic health hazard
<b>SARA (313) Toxic Release Inventory:</b> This material contains no chemicals that are subject to the reporting requirements of the SARA 313 Toxic Release Program
<b>The Following Ingredients are Cited on the Lists Below:</b> None

## Section XVI: Other Information

<b>Other Special Considerations:</b> None
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**Disclaimer:** This information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information nor do we offer warranty against patent infringement.