

# 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>Clear View 200 Wash-N-Wipe</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> International: <b>703-527-3887</b> (collect calls accepted)
<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> January, 2016	<b>Date Updated:</b> August, 2016

## Section II: Hazard(s) Identification

<b>Hazardous Components</b> ( <b>Specific Chemical Identity;</b> <b>Common Name(s)</b> ) Hydrofluoric Acid. CAS# 7664-39-3 Hydrochloric Acid. CAS# 7647-01-0	 	<b>OSHA PEL</b>	<b>ACGIH TLV</b>	<b>Other Limits Recommended</b>
<b>HMIS Rating: Health – 2, Flammability – 0, Reactivity – 1</b>				
<b>Routes of Exposure:</b> Eye contact, Skin Contact, Ingestion, Inhalation				
<b>Health Hazards</b> ( <i>Acute and Chronic</i> ) Harmful if swallowed. Can cause irritation to skin, eyes and upper respiratory tract.				
<b>Signs and Symptoms of Exposure</b> None known				
<b>Medical Conditions Generally Aggravated by Exposure</b> Pre-existing skin disorders and eye problems.				

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## Section III – Composition / Information on Ingredients

Chemical Name	CAS No	Weight (%)
Hydrofluoric Acid	7664-39-3	< 5
Hydrochloric Acid	7647-01-0	<5

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:** Rinse immediately with water for several minutes. Remove contact lenses, if present and easy to do. If irritation persists, seek medical assistance  
**Skin:** Wash contact areas with plenty of 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:** Rinse mouth. Do NOT induce vomiting. Seek medical attention.

## Section V: Fire – Fighting Measures

<b>Flash Point (Method Used)</b> N/A	<b>Flammable Limits</b> N/A	<b>LEL</b> N/A	<b>UEL</b> N/A
<b>Extinguishing Media</b> Use extinguishing measures that are appropriate to local circumstances and surrounding environment			
<b>Special Fire Fighting Procedures</b> Wear self-contained breathing apparatus and full protective clothing			
<b>Unusual Fire and Explosion Hazards</b> Hydrogen gas and/or Hydrogen fluoride gas			

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## Section VI: Accidental Release Measures

<p><b>Personal Precautions:</b> Use personal protective equipment as required</p>
<p><b>Environmental precautions:</b> Prevent further leakage or spillage if safe to do so</p>
<p><b>Method for Clean Up:</b> Contain spill and pump into marked containers for disposal. Neutralize with sodium bicarbonate, caustic or other alkaline material to neutralize the product. Do not use metal or glass containers for disposal. Clean up spill area on a dry basis and then flush with plenty of water.</p>

## Section VII: Handling and Storage

<p><b>Handling</b> Avoid contact with skin and eyes. Wash hands thoroughly after handling.</p>
<p><b>Storing</b> Store in a cool area away from heat and oxidizing agents. Keep in a well-ventilated place.</p>

## Section VIII: Exposure Controls/Personal Protection

<p><b>Respiratory Protection (<i>Specify Type</i>)</b> Use a NIOSH approved respirator</p>		
<p><b>Ventilation</b> General</p>	<p><b>Local Exhaust</b> Recommended to capture hot fumes.</p>	<p><b>Special</b></p>
	<p><b>Mechanical (<i>General</i>)</b></p>	<p><b>Other</b></p>
<p><b>Protective Gloves</b> Rubber/ Chemical Resistant</p>		<p><b>Eye Protection</b> Chemical goggles.</p>
<p><b>Other Protective Clothing or Equipment</b> Suitable protective clothing.</p>		
<p><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</p>		

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## Section IX: Physical and Chemical Properties

<b>Boiling Point</b>	212°F	<b>Specific Gravity (H<sub>2</sub>O = 1)</b>	N/D
<b>Vapor Pressure (mm Hg.)</b>	N/D	<b>pH</b>	> 3.0
<b>Vapor Density (AIR = 1)</b>	N/D	<b>Evaporation Rate (Butyl Acetate = 1)</b>	N/D
<b>Solubility in Water:</b> Complete			
<b>Physical State:</b> Thin liquid in textured wipes			
<b>Appearance:</b> Clear			
<b>Odor:</b> Acidic odor			

## Section X: Stability and Reactivity

<b>Stability:</b>	Stable	<b>Hazardous Polymerization:</b>	Will Not Occur
<b>Incompatibility (Materials to Avoid):</b> Incompatible with cyanides, alkalis, oxides and chlorinated cleaners or solvents. Not compatible with some metals. Corrosive to many materials. Do not leave on glass for extended periods of time.			
<b>Conditions to Avoid:</b> Avoid contact with strong alkalis and organic materials			
<b>Possibility of Hazardous Reactions:</b> Will not occur			
<b>Hazardous Decomposition Products:</b> Could lead to acid fumes and toxic materials			

## Section XI: Toxicological Information

<b>Carcinogenicity/Other Information:</b> None of the components are listed by: NTP, IARC, ACGIH, OSHA
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## Section XII: Ecological Information

<b>Toxicity:</b> Not available
<b>Biodegradability:</b> Not available
<b>Bio-accumulative potential:</b> Not available
<b>Other Adverse Effects:</b> Not available

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## Section XIII: Disposal Considerations

**Disposal Recommendations:**

Disposal should be in accordance with applicable, regional, national and local law and regulations

## Section XIV: Transportation

**Land (DOT):** Not regulated for Land Transport

**Land (TDG):** Not regulated for Land Transport

**Sea (IMDG):** Not regulated for Sea Transport according to IMDG-Code

**Air (IATA):** Not regulated for Air Transport

## Section XV: Regulatory Information

**OSHA Hazard Communication Standard:**

When used for its intended purposes, this material is not classified as hazardous in accordance with OSHA 29 CFR 1910.1200.

**EPCRA:** This material contains no extremely hazardous substances.

**SARA (311/312) Reportable Hazard Categories:** Acute

**SARA (313) Toxic Release Inventory:** This material contains the following chemicals subject to the supplier notification requirements of the SARA 313 Toxic Release Program.

Hydrochloric acid – 7647-01-0

Hydrofluoric acid – 7664-39-3

**The Following Ingredients are Cited on the Lists Below:** Hydrofluoric acid CAS# 7664-39-3  
TSCA Inventory

## Section XVI: Other Information

**Other Special Considerations:**

None

**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.