

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

IDENTITY (As Used on Label and List) ClearView 300	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

Manufacturer's Name Grignard Company LLC	24 hour Emergency Telephone Contact Number CHEMTREC Domestic North America: 800-424-9300 International: 703-527-3887 (collect calls accepted)
Address (Number, Street, City, State, and ZIP Code) 505 Capobianco Plaza Rahway, NJ 07065	Telephone Number for Information 732-340-1111
Date Prepared March, 2016	Date updated: September, 2016

Section II: Hazard(s) Identification

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

Flash Point (Method Used) N/A	Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and surrounding environment			
Special Fire Fighting Procedures Wear self-contained breathing apparatus and full protective clothing			
Unusual Fire and Explosion Hazards Acid reacts with most metals to release hydrogen gas which can form explosive mixtures with air.			

Section VI: Accidental Release Measures

Personal Precautions: Use personal protective equipment as required
Method for Containment: Prevent further leakage or spillage if safe to do so
Method for Clean Up: Small spills: Neutralize with sodium bicarbonate, soda ash or dilute caustic soda solution. Flush area with water. Large Spills: Large spills should be collected by pumping into closed containers for recovery or disposal

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Section VII: Handling and Storage

Handling Avoid contact with skin and eyes. Wash hands thoroughly after handling.
Storing Keep containers tightly closed in a dry cool and well ventilated place.

Section VIII: Exposure Controls/Personal Protection

Respiratory Protection (<i>Specify Type</i>) Use NIOSH/MSHA approved respiratory protection equipment when airborne exposure limits are exceeded.		
Ventilation General	Local Exhaust	Special
	Mechanical (<i>General</i>)	Other
Protective Gloves Rubber / Neoprene		Eye Protection Safety glasses with side shields
Other Protective Clothing or Equipment Suitable protective clothing.		
Work/Hygienic Practices: Handle in accordance with good industrial hygiene and safety practice.		

Section IX: Physical and Chemical Properties

Boiling Point	212 °F	Specific Gravity (H₂O = 1)	1.01
Vapor Pressure (mm Hg.)	N/D	pH	N/D
Vapor Density (AIR = 1)	N/D	Evaporation Rate (Butyl Acetate = 1)	< 1
Solubility in Water: Complete			
Physical State: Liquid			
Appearance: Clear, Transparent			
Odor: Slightly acidic			

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Section X: Stability and Reactivity

Stability:	Stable	Hazardous Polymerization:	Will Not Occur
Incompatibility (Materials to Avoid): Strong oxidizing agents, acids, aluminum, tin, zinc, bronze and brass			
Conditions to Avoid: Stable under normal conditions. Keep out of reach of children.			
Possibility of Hazardous Reactions: Will not occur			
Hazardous Decomposition Products: None			

Section XI: Toxicological Information

Carcinogenicity/Other Information: None of the components are listed by: NTP, IARC, ACGIH, OSHA

Section XII: Ecological Information

Toxicity: Not available
Biodegradability: Products are inherently biodegradable
Bio-accumulative potential: This material is not expected to significantly bio accumulate.
Other Adverse Effects: Not available

Section XIII: Disposal Considerations

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

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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
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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.