

# SAFETY DATA SHEET

**Product Name:** RainguardPro® MDR HD 100  
**Product Codes:** MR-0101, MR-0105

## SECTION 1: Identification

**MANUFACTURER:** Rainguard Brands, LLC  
RainguardPro  
2736 West McDowell Road  
Phoenix, AZ 85009  
United States of America

**RAINGUARD PHONE:** (949) 515-8800

**POISON CENTER:** (800) 222-1222

**EMAIL:** support@rainguardpro.com

**WEBSITE:** rainguardpro.com

**REVISION DATE:** 01/20/2022

## SECTION 2: Hazards Identification

### 2.1 Classification of Mixture

GHS Classification HCS 2012 (29 CFR 1910)

Hazard Class	Category	Hazard Statements	Precautionary Statements
Acute Toxicity - Oral	Category 4	H302, H335	P270,P301+P330, P304+P340
Skin Corrosion / Irritation	Category 2	H315	P264, P280, P270, P303+P362+P352, P363, P314
Eye Damage / Irritation	Category 2A	H319	P280, P305 + P352 + P338, P315
Aquatic Acute	Category 3	H402	
Corrosive Metals	Category 2	H290	P233, P234

### 2.2 Label Elements

HCS 2012 (29 CFR 1910)

## PICTOGRAMS



Signal Word: **DANGER**

**Hazard Statements:**

<b>Hazard #</b>	<b>Hazard Statement</b>
<b>H290</b>	May be corrosive to metals
<b>H302</b>	May be harmful if swallowed
<b>H315</b>	Causes skin irritation
<b>H319</b>	Causes serious eye irritation
<b>H402</b>	Harmful to aquatic life

**PRECAUTIONARY STATEMENTS**

<b>Precautionary #</b>	<b>Precautionary Statement</b>
<b>P202</b>	Do not handle until all safety precautions have been read and understood
<b>P273</b>	Avoid release to the environment
<b>P501</b>	Dispose of contents/container according to federal, state, & local regulations.
<b>P233</b>	Keep container tightly closed
<b>P234</b>	Keep only in original packaging
<b>P264</b>	Wash skin thoroughly after handling
<b>P270</b>	Do not eat, drink, or smoke when using this product
<b>P280</b>	Wear protective gloves/protective clothing/eye protection/face protection
<b>P301+P330+P331</b>	IF SWALLOWED: Rinse mouth. DO NOT induce vomiting
<b>P303+P361+P353</b>	IF ON SKIN (or hair): Immediately take off all contaminated clothing. Rinse skin with water (or shower)

<b>P304+P340</b>	IF INHALED: Remove person to fresh air and keep comfortable for breathing
<b>P305+P351+P338</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
<b>P314</b>	Immediately call a POISON CENTER/doctor
<b>P315</b>	Call a POISON CENTER/doctor if you feel unwell
<b>P363</b>	Wash contaminated clothing before reuse
<b>2.3 Hazards not otherwise classified:</b>	None known

### SECTION 3: Composition

#### HAZARDOUS COMPONENTS

CHEMICAL NAME	CAS #	% BY MASS	TRADE SECRET
Hydrochloric Acid	7647-01-0	<20	*
Glycol Ether EB	111-76-2	1-5	*
Balance	Trade Secret	Balance	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

### SECTION 4: First Aid Measures

Get immediate medical attention for any significant overexposure.

<b>EYE EXPOSURE:</b>	Flush eyes with running water for at least 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eye and lids with water. Seek immediate medical attention.
<b>SKIN EXPOSURE:</b>	Wash exposed areas with soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse.

<b>INHALATION:</b>	Move victim to fresh air. If the victim has difficulty breathing, administer oxygen. If breathing has stopped, initiate CPR. Seek immediate medical attention.
<b>INGESTION:</b>	Never give an unconscious person anything to drink. If conscious, treat for shock. Seek immediate medical assistance or the nearest poison control center. If conscious, induce vomiting. If unconscious and vomiting, turn the victim on their side to avoid choking.
<b>CARCINOGENICITY:</b>	NTP: No IARC Monographs: No OSHA Regulated: No

## SECTION 5: Fire Fighting Measures

<b>FLASH POINT:</b>	None
<b>METHOD</b>	N/A
<b>LOWER EXPLOSION LIMIT:</b>	Not available
<b>UPPER EXPLOSION LIMIT:</b>	Not available
<b>AUTOIGNITION TEMPERATURE:</b>	Not available
<b>EXTINGUISHING MEDIA:</b>	CO2, dry chemical or water fog.
<b>HAZARDOUS COMBUSTION PRODUCTS:</b>	Carbon monoxide and carbon dioxide can form. Smoke, fumes.
<b>PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:</b>	Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA). If water is used, fog nozzles are preferable. Use water to cool closed containers.
<b>FIRE AND EXPLOSION CONDITIONS:</b>	This product not expected to ignite under normal conditions of use.

## SECTION 6: Accidental Release Measures

Remove and eliminate all ignition sources. Control the source of the spill. Ventilate confined spaces. Avoid breathing vapors or mist. Dike and soak up spill with absorbent material such as sand or Fuller's Earth. Recover free liquid and absorbent material from spill area and shovel or broom into appropriate chemical waste containers for proper disposal. Persons performing clean up should wear adequate personal protective equipment and clothing. Keep out of storm drains, sewers and waterways. Observe all local, state and federal laws and regulations regarding spills, clean-up, removal, discharge and disposal.

## SECTION 7: Handling and Storage

Keep containers tightly closed when not in use. Do not store or handle near a heat source, sparks, open flame or strong oxidizing materials. Use and store in only in cool and well-ventilated areas. Care should be taken to prevent moisture condensation in the container. Avoid breathing vapors. Avoid contact with skin. Keep out of the reach of children.

## SECTION 8: Exposure Controls and Personal Protection

The recommendations described in this section are provided as general guidance for minimizing exposure when handling this product. Because use conditions will vary depending upon customer applications, specific safe handling procedures should be developed by a person knowledgeable of the intended use, working conditions, and equipment.

<b>RESPIRATORY PROTECTION:</b>	Use in a well ventilated and/or open area. Use appropriate NOISH approved organic vapor cartridge respirator equipment when occupational exposure limits are exceeded.
<b>VENTILATION:</b>	Local exhaust and or mechanical ventilation in confined or poorly ventilated spaces are recommended.
<b>PROTECTIVE GLOVES:</b>	Wear Neoprene or non-soluble plastic gloves.
<b>EYE PROTECTION:</b>	Use Approved splash goggles.
<b>PROTECTIVE CLOTHING:</b>	Wear long-sleeve clothing selected for condition exposure potential.
<b>INDUSTRIAL HYGIENE:</b>	Before eating or smoking, wash hands and face to remove residual contamination.

## SECTION 9: Physical and Chemical Properties

<b>BOILING POINT:</b>	212° F
<b>VAPOR DENSITY (AIR =1):</b>	No data available

<b>FLAMMABILITY/EXPLOSIVE LIMITS:</b>	No data available
<b>pH:</b>	>1.0
<b>MATERIAL V.O.C.:</b>	<20 g/L
<b>SPECIFIC GRAVITY (H2O = 1):</b>	1.075
<b>EVAPORATION RATE (ETHER = 1):</b>	No data available
<b>VISCOSITY:</b>	Water thin
<b>MELTING/FREEZING POINT (°C):</b>	No data available
<b>SOLUBILITY IN WATER:</b>	Fully miscible
<b>APPEARANCE &amp; ODOR:</b>	Pale yellow with mild odor
<b>VAPOR PRESSURE (mm HG):</b>	No data available

## SECTION 10: Stability and Reactivity

<b>SUBSTANCES TO AVOID:</b>	Do not mix with other chemicals.
<b>CHEMICAL STABILITY:</b>	Stable under recommended storage conditions. DO NOT FREEZE OR EXPOSE TO EXTREME HEAT.
<b>POSSIBILITY OF HAZARDOUS REACTIONS:</b>	Hazardous polymerization does not occur.
<b>HAZARDOUS DECOMPOSITION OR THERMAL BYPRODUCTS:</b>	Carbon dioxide and carbon monoxide.

## SECTION 11: Toxicological Information

No Data Available

## SECTION 12: Ecological Information

No Data Available

## SECTION 13: Disposal Considerations

**DISPOSAL:** Do not allow material to contaminate or cause to be discharged into any storm drain, lake, stream, pond, underground water supplies or any body of water. Incinerate and or bury waste and containers at an approved facility. Dispose of waste materials and containers in accordance with all federal, state and local health, safety and environmental regulations.

#### SECTION 14: Transportation Information

<b>DOT (US):</b>	Not regulated
<b>CANADA (TDG):</b>	Not regulated
<b>DOT PROPER SHIPPING NAME:</b>	N/A
<b>UN / NA Number:</b>	N/A
<b>Hazard Class:</b>	N/A
<b>Packing Group:</b>	N/A

#### SECTION 15: Regulatory Information

This listing is to highlight federal level regulations of the product. Individual states, and other nations may have further regulations not listed below.

##### CLASSIFICATION OF MIXTURE:

**US FEDERAL REGULATIONS:** SARA 313: Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

<b>Chemical Name</b>	CAS NO
<b>HYDROCHLORIC ACID</b>	7647-01-0

##### SARA 311/312 HAZARD CATEGORIES:

<b>ACUTE HEALTH HAZARD</b>	Yes
<b>CHRONIC HEALTH HAZARD</b>	No
<b>FIRE HAZARD</b>	No
<b>SUDDEN RELEASE OF PRESSURE HAZARD</b>	No
<b>REACTIVE HAZARD:</b>	No

**California Proposition 65:** This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

**US STATE RIGHT-TO-KNOW REGULATIONS:**

CHEMICAL NAME:	PA	MA	NJ
HYDROCHLORIC ACID	X	X	X

**SECTION 16: Other Information**

**HMIS RATING:**

HEALTH	2
FLAMMABILITY	0
REACTIVITY	1
PPE	C*

**KEY:**

0 = Minimum
1 = Slight
2 = Moderate
3 = Serious
4 = Severe

**\*C: Chemical resistant gloves, goggles, and aprons are recommended.**

LEGEND:	
ACGIH - American Conference of Governmental Hygienists	IARC - International Agency for Research on Cancer
OSHA - Occupational Safety and Health Administration	TSCA - Toxic Substances Control Act
DOT - Department of Transportation	MSHA - Mine Safety Health Administration
PEL - Permissible Exposure Limit	TWA - Time Weighted Average
DSL - Domestic Substance List	NDSL - Non-Domestic Substance List
RCRA - Resource Conservation and Recovery Act	V - Volume
EPA - Environmental Protection Agency	NIOSH - National Institute for Occupational Safety Health
STEL - Short Term Exposure Limit	VOC - Volatile Organic Compound
HMIS - Hazardous Materials Information System	NTP - National Toxicology Program
TLV - Threshold Limit Value	WHMIS - Workplace Hazardous Materials Information System

**DISCLAIMER:** The information contained in the document relates to the specific material designated and may not be valid for such material used in combination with any other material or in any process. Such 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

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