

SAFETY DATA SHEET

Product Name: RainguardPro® Plugger Universal pH
Product Codes: CR-1725

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: 09/22/21

SECTION 2: Hazards Identification

OSHA/HCS Status: GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)
Eye Irritation Category 2A
Skin Irritation Category 2
Carcinogenicity Category 1A

GHS label elements :



Signal Words: Danger

Hazard statements: H319 – Causes serious eye irritation

H315 – Causes skin irritation H350i – May cause cancer by inhalation

PRECAUTIONARY STATEMENTS

General:	Read the label before use. Keep out of reach of children. If medical advice is needed, have a product container or label on hand.
Prevention:	Wear protective gloves. Wear eye or face protection.
Storage Disposal:	Store in a well-ventilated place. Keep cool.
Health Hazards:	Acute Toxicity
Inhalation:	Acute toxicity
Respiratory:	Sensitization
Skin:	Sensitization
Specific Target Organ Toxicity:	Single Exposure Respiratory
Specific Target Organ Toxicity:	Repeated Exposure Inhalation (Lungs)
Appearance:	Clear
Eye Contact	May cause eye irritation; Prolonged exposure may cause eye damage
Skin Contact:	May be harmful if absorbed through skin; May cause skin irritation or allergic reaction
Inhalation:	May be harmful if inhaled; May cause respiratory tract irritation
Ingestion:	May be harmful if ingested
Acute Health Effects	May be irritating to skin, eyes, respiratory and digestive tract
Chronic Health Effects:	May cause damage to organs (lungs) through prolonged or repeated exposure
Aggravation of Pre-Existing Conditions:	Persons with preexisting conditions may be more susceptible
Precautionary Statements:	
Prevention:	

P103:	Read label before use
P201:	Obtain special instructions before use
P202:	Do not handle until all safety precautions have been read and understood
P261:	Avoid breathing dust/fume/gas/mist/vapors/spray
P264:	Wash hands thoroughly after handling
P273:	Avoid release to the environment
P280:	Wear protective gloves / eye protection / face protection
P285:	In case of inadequate ventilation wear respiratory protection

Response:

P301 + P310:	If swallowed: Immediately call a poison center or doctor/physician.
P308 + P313:	If exposed or concerned: Get medical advice/attention
P320 + P352:	If on skin: Wash with plenty of water
P332 + P313:	If skin irritation occurs: Get medical advice/attention
P305+P351+P338:	IF IN EYES, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P331:	Do NOT induce vomiting
P337+P313:	If eye irritation persists, get medical advice/attention
P362:	Take off contaminated clothing and wash before reuse

STORAGE:

P405:	Store locked up
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DISPOSAL:

P501:	Dispose of contents/container to an appropriate
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treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal

Hazard(s) not otherwise classified (HNOC): None Known

OTHER INFORMATION:

No information available.

SECTION 3: Composition

HAZARDOUS COMPONENTS

CHEMICAL NAME	CAS #	%	COMMENTS
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SECTION 4: First Aid Measures

4.1 Description of First Aid Measures

PRIMARY ROUTES OF EXPOSURE: Ingestion, inhalation, dermal contact

EYE EXPOSURE: Remove contacts if present; Immediately flush the eyes with water for at least 10-15 minutes; Seek medical attention if irritation persists

SKIN EXPOSURE: Wash the affected area with soap and water; Remove contaminated clothes if necessary; Seek medical assistance if irritation persists

INHALATION: Move the victim to fresh air. If the victim has difficulty breathing, administer oxygen. If breathing has stopped, initiate CPR. Seek immediate medical attention.

INGESTION: DO NOT induce vomiting. Rinse mouth with water. Never give an unconscious person anything to drink. If conscious, treat for shock. Seek immediate medical assistance or the nearest poison control center. If unconscious and

vomiting, turn the victim on their side to avoid choking.

4.2 Most important symptoms and effects, both acute and delayed:

The most important known symptoms and effects are described in the labeling (see section 2.2) and/or in section 11.

4.3 Indication of any immediate medical attention and special treatment needed:

No data available.

SECTION 5: Fire Fighting Measures

5.1 Extinguishing Media

Dry chemical, carbon dioxide, alcohol-resistant foam. Use water spray to keep fire-exposed containers cool. Unsuitable Extinguishing Media: High volume water jet.

5.2 Special Hazards Arising from the Substance or Mixture:

Carbon dioxide, carbon monoxide, oxides of nitrogen, hydrogen cyanide, isocyanate, and isocyanic acid. dense black smoke, and other compounds unidentified.

5.3 Advice for Firefighters:

Firefighters should wear NFPA approved self-contained breathing apparatus and full protective clothing. Avoid contact with product. Decontaminate equipment and protective clothing prior to reuse. Toxic and irritating gases/fumes, including heated diisocyanate that is considered extremely dangerous, may be given off during burning or thermal decomposition.

5.4 Further Information:

No data available

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 the 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

USAGE PRECAUTIONS

Avoid skin and eye contact. Avoid inhalation of vapor. For personal protection, see section 8. Keep the container tightly closed. Smoking, eating, and drinking should be prohibited in areas of storage and use. Never use pressure to empty; the container is not a pressure vessel. Always keep in the same material as the supply container. Keep out of the reach of children.

USAGE DESCRIPTION

Use the product only in accordance with the methods listed in section 1.

STORAGE PRECAUTIONS

Maximum storage temperature 60°C, minimum 2°C. Keep closure tight and containers upright to prevent leakage. Precautionary labeling: KEEP FROM FREEZING". Product is non-combustible.

STORAGE CLASS

The storage of this product is not subject to any statutory requirements.

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.

RESPIRATORY PROTECTION:	In case of insufficient ventilation wear suitable respiratory equipment. When sanding or abrading the dried paint film, wear a dust / mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive material itself.
VENTILATION:	Local exhaust and or mechanical ventilation in confined or poorly ventilated spaces are recommended.
PROTECTIVE GLOVES:	Wear Neoprene or non-soluble plastic gloves.
EYE PROTECTION:	Use approved splash goggles with side shields.
PROTECTIVE CLOTHING:	Wear impervious clothing and long sleeve clothing selected for condition exposure potential.
INDUSTRIAL HYGIENE:	Before eating or smoking, wash hands and face to remove residual contamination.
ENGINEERING MEASURES	Ensure adequate ventilation, especially in confined areas.

HYGIENE MEASURES

Avoid contact with skin, eyes, and clothing. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling.

SECTION 9: Physical and Chemical Properties**9.1 Information on Basic Physical and Chemical Properties**

APPEARANCE FORM:	Liquid
ODOR:	Minimal or no odor
pH:	No data available
MELTING POINT / FREEZING POINT:	32°F
INITIAL BOILING POINT AND BOILING RANGE:	212°F
FLASH POINT:	No data available
EVAPORATION RATE (ETHER = 1):	No data available
FLAMMABILITY (SOLID, GAS):	No data available
UPPER / LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:	No data available
VAPOR PRESSURE:	No data available
DENSITY (lbs./gal):	10.46
SPECIFIC GRAVITY:	1.26
RELATIVE DENSITY:	No data available
WATER SOLUBILITY:	No data available
AUTO-IGNITION TEMPERATURE:	No data available
DECOMPOSITION TEMPERATURE:	No data available
VISCOSITY:	No data available
EXPLOSIVE PROPERTIES:	No data available
OXIDIZING PROPERTIES:	No data available
Wt. % Solids	50.30

Vol. % Solids	37.59
Wt. % Volatiles	49.70
Vol. % Volatiles	62.41
Coating VOC	47.07 g/l
Material VOC	18.57 g/l

SECTION 10: Stability and Reactivity

10.1 REACTIVITY	No data available
10.2 CHEMICAL STABILITY	Stable under recommended storage conditions.
10.3 POSSIBILITY OF HAZARDOUS REACTIONS:	None under normal conditions of use.
10.4 CONDITIONS TO AVOID:	Prevent from freezing.
10.5 INCOMPATIBLE MATERIALS:	No materials to be especially mentioned.
10.6 HAZARDOUS DECOMPOSITION PRODUCTS:	None under normal use.
10.7 OTHER DECOMPOSITION PRODUCTS:	No data available
10.8 OTHER INFORMATION:	In the event of a fire see Section 5

SECTION 11: Toxicological Information

Principal Routes of Exposure:	Eye contact, skin contact and inhalation.
Acute Toxicity:	No information available
Symptoms:	No information available
Eye contact:	May cause slight irritation.
Skin contact:	Substance may cause slight skin irritation. Prolonged or repeated contact may dry skin and cause irritation
Inhalation:	May cause irritation of the respiratory tract.

Ingestion:	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Sensitization:	No information available
Neurological Effects:	No information available
Neurological Effects:	No information available
Reproductive Effects:	No information available
Developmental Effects:	No information available
Target Organ Effects:	No information available
STOT - single exposure:	No information available
STOT - repeated exposure:	No information available
Other adverse effects:	No information available
Aspiration Hazard:	No information available

Legend

IARC - International Agency for Research on Cancer

NTP - National Toxicity Program

SECTION 12: Ecological Information

AQUATIC/TERRESTRIAL ORGANISM TOXICITY:	LC50: > 1000 mg/L (Fathead Minnow - 96 hr.)
ASPIRATION HAZARD:	No data available
PERSISTENCE AND DEGRADABILITY:	Not readily degradable
BIOACCUMULATIVE POTENTIAL:	Accumulation is not expected
MOBILITY IN SOIL:	No data available
PBT AND vPvB ASSESSMENT:	No data available

OTHER ADVERSE EFFECTS: An accumulation in aquatic organisms is not expected.

OTHER INFORMATION: No data available

SECTION 13: Disposal Considerations

DISPOSAL: Dispose of according to local, state and federal regulations. (Refer to Section 8). The generation of waste should be avoided or minimized wherever possible. Empty containers should be taken to an approved waste handling site for recycling or disposal. Incineration or landfill should only be considered when recycling is not feasible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

EMPTY CONTAINER PRECAUTIONS: Do not heat or cut container with electric or gas torch. Recondition or dispose of empty container in accordance with governmental laws and regulations. Do not reuse empty container without proper cleaning. Label precautions also apply to this container when empty.

CONTAMINATED PACKAGING: Dispose of any unused product.

SECTION 14: Transportation Information

DOT (UN #): Not regulated

UN number: Not regulated

Proper shipping name: Not regulated

Transport Hazard Class: Not regulated

Packing Group: Not regulated

Environmental Hazards: Not regulated

IMO/IMDG:

UN number: Not regulated

Proper shipping name: Not regulated

Transport Hazard Class: Not regulated

Packing Group: Not regulated

Environmental Hazards: Not regulated

IATA:

UN number: Not regulated

Proper shipping name: Not regulated

Transport Hazard Class: Not regulated

Packing Group: Not regulated

Environmental Hazards: Not regulated

Special Precautions for User: When in individual containers containing less than the Product RQ, this product ships as non- regulated

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

SECTION 15: Regulatory Information

DSL STATUS: All components of this product are on the Canadian DSL list.

SARA HAZARDOUS SUBSTANCES AND THEIR REPORTABLE QUANTITIES: None.

SARA 302 COMPONENTS: No chemicals in this material are subject the reporting requirements of SARA Section 302.

SARA 313 COMPONENTS: No chemicals in this material are subject to the reporting requirements of SARA Section 313.

SARA 311/312 HAZARD CATEGORIES:

ACUTE HEALTH HAZARD Yes

CHRONIC HEALTH HAZARD Yes

California Proposition 65:

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm at levels less than required for reporting (<0.1%) unless listed in Section 3.

SECTION 16: Other Information

HMIS RATING:

HEALTH 1
 FLAMMABILITY 0
 REACTIVITY 0
 PPE A

KEY:

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

ACGIG - 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

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