

SAFETY DATA SHEET

Product Name: RainguardPro® EasyClean Bio Stripper
Product Codes: EC-0101, EC-0105, EC-0132, EC-0116

SECTION 1: Identification

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

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POISON CENTER: (800) 222-1222

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REVISION DATE: 08/12/2022

SECTION 2: Hazards Identification

This product is a consumer product and is labeled in accordance with the US Consumer Product Safety Commission regulations which take precedence over OSHA Hazard Communication labeling. The actual container label will not include the label elements below. The labeling below applies to industrial/professional products.

2.1 Classification of Mixture

Hazard Class	Category	Hazard Statements	Precautionary Statements
Skin Corrosion / Irritation	Category 2	H315	P264, P280, P270, P303+P362+P352, P363, P314
Eye Damage / Irritation	Category 1	H319	P280, P305 + P352 + P338, P315

2.2 Label Elements

PICTOGRAMS



Signal Word: CAUTION!

Hazard Statements:

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

PRECAUTIONARY STATEMENTS

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

P303+P361+P353	IF ON SKIN (or hair): Immediately take off all contaminated clothing. Rinse skin with water (or shower)
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P314	Immediately call a POISON CENTER/doctor
P315	Call a POISON CENTER/doctor if you feel unwell
P363	Wash contaminated clothing before reuse
2.3 Hazards not otherwise classified:	None known

SECTION 3: Composition

HAZARDOUS COMPONENTS

CHEMICAL NAME	CAS #	% BY MASS	TRADE SECRET
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*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.

Most important symptoms/effects, acute and delayed: Causes severe eye irritation or burns. May cause skin irritation. Inhalation of vapors or mists may cause mucous membrane and upper respiratory irritation. Swallowing may cause irritation of the mouth, throat and stomach with nausea and diarrhea.

Indication of immediate medical attention and special treatment, if necessary: If eye contact occurs, get immediate medical attention.

EYE EXPOSURE:	Flush eyes with running water for at least 20 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eye and lids with water. Seek immediate medical attention.
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SKIN EXPOSURE:	Wash exposed areas with soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse.
INHALATION:	Move victim to fresh air. If the victim has difficulty breathing, administer oxygen. If breathing has stopped, initiate CPR. Seek immediate medical attention.
INGESTION:	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, give 1 glass of water to dilute. If unconscious and vomiting, turn the victim on their side to avoid choking.
CARCINOGENICITY:	NTP: No IARC Monographs: No OSHA Regulated: No

SECTION 5: Fire Fighting Measures

FLASH POINT:	None
METHOD	N/A
LOWER EXPLOSION LIMIT:	Not available
UPPER EXPLOSION LIMIT:	Not available
AUTOIGNITION TEMPERATURE:	Not available
EXTINGUISHING MEDIA:	Use any media appropriate for surrounding fire.
HAZARDOUS COMBUSTION PRODUCTS:	Carbon monoxide and carbon dioxide can form. Smoke, fumes.
PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:	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.
FIRE AND EXPLOSION CONDITIONS:	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. Wash spill site with water. Persons performing clean up should wear adequate personal protective equipment and clothing. Avoid release to the environment - 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. Protect from physical damage. 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.

EXPOSURE GUIDELINES

Benzyl Alcohol	10 ppm TWA AIHA WEEL
Monoethanolamine	3 mg/m ³ TWA ACGIH TLV 6 mg/m ³ STEL ACGIH TLV 3 mg/m ³ TWA OSHA PEL

RESPIRATORY PROTECTION: Use in a well ventilated and/or open area. Use appropriate NOISH approved organic vapor cartridge respirator equipment when occupational exposure limits are exceeded.

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.

PROTECTIVE CLOTHING: Wear long-sleeve clothing selected for condition exposure potential.

INDUSTRIAL HYGIENE: Before eating or smoking, wash hands and face to remove residual contamination.

SECTION 9: Physical and Chemical Properties

BOILING POINT:	No data available
VAPOR DENSITY (AIR =1):	No data available
FLAMMABILITY/EXPLOSIVE LIMITS:	No data available
pH:	10
MATERIAL V.O.C.:	<51 g/L
SPECIFIC GRAVITY (H20 = 1):	1.075
EVAPORATION RATE (ETHER = 1):	No data available
VISCOSITY:	No data available
MELTING/FREEZING POINT (°C):	No data available
SOLUBILITY IN WATER:	Completely soluble in water
APPEARANCE & ODOR:	White viscous liquid with mild odor
VAPOR PRESSURE (mm HG):	No data available
RELATIVE DENSITY:	1.02

SECTION 10: Stability and Reactivity

SUBSTANCES TO AVOID:	Do not mix with other chemicals including strong oxidizing agents, acids, iron, halogenated hydrocarbons and metals peroxides. May attack some plastics.
CHEMICAL STABILITY:	Stable under recommended storage conditions. DO NOT FREEZE OR EXPOSE TO EXTREME HEAT.
POSSIBILITY OF HAZARDOUS REACTIONS:	None known.
HAZARDOUS DECOMPOSITION OR THERMAL BYPRODUCTS:	Thermal decomposition may produce carbon and nitrogen oxides.

SECTION 11: Toxicological Information

ACUTE EFFECTS OF EXPOSURE

INHALATION:

Inhalation of vapors or mist may cause respiratory irritation with sore throat and coughing, headache, dizziness, drowsiness, nausea, weakness, intoxication and narcosis. Product may have an objectionable odor at high concentration or in confined spaces.

SKIN CONTACT:

Contact may cause severe irritation with redness, pain and burns. Prolonged or widespread contact may allow monoethanolamine to be absorbed through the skin with symptoms similar to those listed under inhalation or ingestion.

EYE CONTACT:

Contact may cause severe irritation or burns with redness, pain, tearing, swelling and blurred vision. Eye damage may occur.

INGESTION:

Swallowing may cause gastrointestinal irritation with abdominal pain, nausea, vomiting and diarrhea. Large amounts may cause systemic effects including headache, dizziness, drowsiness, weakness, intoxication, narcosis, metabolic acidosis and kidney, liver or blood system damage.

CHRONIC EFFECTS:

Prolonged or repeated overexposure may cause severe skin irritation or dermatitis and damage to the liver, kidneys or blood system. Benzyl alcohol has been shown to cause liver damage in dermal studies with laboratory animals.

SENSITIZATION:

None of the components have been shown to cause sensitization to animals or humans.

GERM CELL MUTAGENICITY:

None of the components have been shown to cause germ cell mutagenicity.

REPRODUCTIVE TOXICITY:

None of the components have been shown to cause reproductive or developmental toxicity.

CARCINOGENICITY: None of the components greater than 0.1% are listed as carcinogens or suspected carcinogens by IARC, NTP, ACGIH or OSHA.

ACUTE TOXICITY VALUES

ATE DERMAL LD50: > 2000 mg/kg

BENZYL ALCOHOL

ORAL RAT LD50: 1620 mg/kg

DERMAL RABBIT LD50: >2000 mg/kg

INHALATION RAT LC50: >4178 mg/m³ 4 hr

MONOETHANOLAMINE

ORAL RAT LD50: 10.2 g/kg

DERMAL RABBIT: 1025 mg/kg

SECTION 12: Ecological Information

This product may be harmful to the aquatic environment.

ECOTOXICITY VALUES

Benzyl Alcohol: 96h LC50 Pimephales promelas 460 mg/L; 48h EC50 Daphnia magna 230 mg/L; 72 hr EC50 Pseudokirchnerella subcapitata 770 mg/L

Monoethanolamine: 96 hr LC50 Cyprinus carpio 349 mg/L; 48h EC50 Daphnia magna 65 mg/L; 72 hr EC50 Pseudokirchnerella subcapitata 2.5 mg/L

Persistence and degradability: Monoethanolamine is readily biodegradable.

Bioaccumulative potential: Monoethanolamine has a BCF of 3.

Mobility in soil: Monoethanolamine is highly mobile in soil.

Other adverse effects: None known.

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

DOT (US):	Not regulated
CANADA (TDG):	Not regulated
DOT PROPER SHIPPING NAME:	N/A
UN / NA Number:	N/A
Hazard Class:	N/A
Packing Group:	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: This product contains no known chemicals regulated under SARA Title III, Section 313

SARA 311/312 HAZARD CATEGORIES:

ACUTE HEALTH HAZARD	Yes, Refer to Section 2
CHRONIC HEALTH HAZARD	No
FIRE HAZARD	No
SUDDEN RELEASE OF PRESSURE HAZARD	No
REACTIVE HAZARD:	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.

Canada: All the components of this product are listed on the Canadian DSL.

SECTION 16: Other Information

HMIS RATING:		KEY:
HEALTH	2	0 = Minimum
FLAMMABILITY	0	1 = Slight

