

SAFETY DATA SHEET
According to OSHA Hazard Communication Standard 29 CFR 1910.1200 (GHS)

EARTH SCIENCE LABORATORIES, INC.

113 SE 22nd St., Suite 1
Bentonville, AR 72712
earthsciencelabs.com

Emergency Phone Number:
Information Phone Number:

1-800-535-5053 (Infotrac)
1-479-271-7381

Material Name: *PristineMist™*

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Issue Date: 1/07
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Section 1 – PRODUCT IDENTIFICATION

Product Name: PristineMist™

Manufactured by: Earth Science Laboratories, Inc.
113 SE 22nd St., Suite 1
Bentonville, AR 72712

Section 2 – COMPOSITION/INFORMATION ON INGREDIENT

Components	CAS#	EINECS#	ACGIH TLV	%
Water	7732-18-5	231-791-2		90-95%
Hydrogen Peroxide Complex	7722-84-1	231-765-0		1-4%
Isopropyl Alcohol	67-63-0	200-661-7		1-3%
Methyl Alcohol	67-56-1	200-659-6		1-4%

*Per O.S.H.A. definition also known as 50 Fed. Reg. 48750

Section 3 – HEALTH HAZARDS IDENTIFICATION

Strong oxidizer. Skin contact may cause irritation or burns. Eye contact may cause irritation, discomfort or burns. Ingestion may release large amounts of oxygen causing burns to GI and intestinal tract. Harmful if swallowed. Avoid breathing vapor or dust. Use adequate ventilation. Avoid contact with eyes, skin or clothes. Wash thoroughly after handling.

Acute toxicity - Inhalation	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1



Symbol

Section 4 – FIRST AID MEASURES

Eyes: Flush immediately with large amounts of water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Get immediate medical attention.

Skin: Immediately flush skin with plenty of water while removing contaminated clothing and shoes. Get immediate medical attention.

Ingestion: Rinse mouth out with water provided person is conscious. Get immediate medical attention.

Inhalation: Remove to fresh air. If not breathing, institute cardiopulmonary resuscitation (CPR). If breathing is difficult, ensure clear airway and give oxygen. Keep affected person warm and at rest. Get immediate medical attention.

Section 5 – FIRE FIGHTING HAZARDS

General Information: As in any fire, wear a safe-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Heat, shock, friction or contact with other materials may cause fire or explosion.

Extinguishing Media: USE WATER ONLY.

Autoignition Temperature: Not applicable.

Flash Point: Not flammable.

Explosion Limits: Lower: N/A - Upper: N/A

Section 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid inhalation and contact with eyes and skin. Use personal protective equipment.

Environmental Precautions: Do not discharge effluent containing this product into lakes, streams, ponds, estuaries and oceans. Do not flush into surface water or sanitary sewer systems.

Section 7 – HANDLING AND STORAGE

Procedures for Handling: Keep container tightly closed. Wash thoroughly after handling. Avoid contact with flammables or combustibles.

Recommended Storage Methods: Store in a cool, dry, well-ventilated place away from incompatible materials. All ignition sources should be eliminated. Keep spray bottle away from children, sun and heat.

Section 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

User Exposure: Avoid inhalation. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure.

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Section 9 – PHYSICAL & CHEMICAL PROPERTIES

Appearance: Clear liquid

Physical State: Clear liquid

Odor: Odorless

Boiling Point: 108° C

Melting Point: - 33° C

Vapor Pressure: 17.4 at 25° C

Vapor Density: Not available

Specific Gravity: 1.13

pH: 6 - 7

Section 10 – STABILITY AND REACTIVITY INFORMATION

Chemical Stability: Unstable.

Conditions to Avoid: Incompatibilities.

Materials to Avoid: Flammables, combustibles, cyanides, acids, permanganates and reducing agents.

Hazardous Decomposition Products: Not known to occur.

Hazardous Polymerization: Will not occur.

Section 11 - TOXICOLOGICAL INFORMATION

Skin Contact: May cause skin irritation.

Skin Absorption: May be harmful if absorbed through the skin.

Eye Contact: May cause eye irritation.

Inhalation: May be harmful if inhaled. Material may be irritating to mucus membranes and upper respiratory tract.

Ingestion: May be harmful if swallowed.

Signs and Symptoms of Exposure: To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

RTECS#:

CAS# 7722-84-1: MX0899000 MX0900000

CAS# 7732-18-5: ZC0110000

LD50/LC50:

CAS# 7722-84-1: Inhalation, rat: LC50 = 2 gm/m³/4H; Oral, mouse: LD50 = 2 gm/kg;

Skin, rat: LD50 = 4060 mg/kg.

CAS# 7732-18-5: Oral, rat: LD50 = >90 mL/kg.

CAS#67-56-1: Inhalation, rat: LC50 = 64.000 mg/Kg; 4H; Oral, rat: LD50 = 5,628 mg/Kg;

Skin, rabbit: LD50 = 15, 800 mg/Kg

CAS#67-63-0: Oral, rat: LD50 5000 mg/kg

CAS# 67-63-0: Inhalation, rat: LC50 = 72600 mg/m³; Oral, mouse: LD50 = 3600 mg/kg;

Skin, rabbit: LD50 = 12800

Section 12 – DISPOSAL CONSIDERATIONS

Environmental Hazards: No adverse effects known or suspected. Not a RCRA hazardous substance.

Waste Disposal: Treatment, storage, transportation and disposal must be in accordance with applicable federal, state, provincial and local regulations.

Section 13 – ECOLOGICAL INFORMATION

Waters treaded with product may be hazardous to aquatic organisms.

Section 14 – TRANSPORTATION INFORMATION

DOT Information

Proper Shipping Name: Hydrogen Peroxide, Aqueous Solution, 10%

Hazard Class: Oxidizer 5.1

UN/NA #: UN2984

Packaging Group: III

Toxic Substance Control Act (TSCA): Two components of this product are listed in the TSCA Inventory of Chemical Substances.

Packages that contain less than 4.0 liters could be ORM-D.

Section 15 – REGULATORY INFORMATION

USA Regulatory Information: SARA Listed: No. - TSCA Inventory Item: One component of this product is listed.

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Inhalation: Remove to fresh air. If not breathing, institute cardiopulmonary resuscitation (CPR). If breathing is difficult, ensure clear airway and give oxygen. Keep affected person warm and at rest. Get immediate medical attention.

Section 16 – OTHER INFORMATION

Date of Last Revision: March, 2017.

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