

Safety Data Sheet



SECTION 1: IDENTIFICATION

This MSDS contains information on the following **Products:** Steam™FG, Steam™ HZ, Steam™ JT, and Steam™ LO.

Applications: The above listed Steam™ fog and haze products are used as artificial smoke for theatrical use and immersive training.

Manufacturer: Blizzard Lighting, LLC
N24 W23750 Watertown Rd. Suite B, Waukesha, WI 53188
Phone: (866) 493-6025
Website: <http://www.blizzardlighting.com>

SECTION 2: HAZARD IDENTIFICATION

NFPA Code: Health - 0, Flammability - , Reactivity-0
HMIS Code: Health - 0, Flammability-1, Reactivity-0

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Contains one or more of the following: Mixture of deionized water, proprietary non-hazardous pharmaceutical grade chemicals, all approved by the FDA

SECTION 4: FIRST AID MEASURES

Eye Contact: Immediately flush with cool water. Remove contact lenses, if applicable, and continue flushing for 15 minutes. Obtain medical attention if irritation develops or persists.

Skin Contact: Flush with cool water. Wash with soap and water. Obtain medical attention if irritation develops or persists.

Inhalation: If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.

Ingestion: Do not induce vomiting. Rinse mouth with water, and then drink one or two glasses of water. Obtain medical attention. Never give anything by mouth if victim is unconscious or convulsing.

General advice: If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the materials involved, and take precautions to protect themselves. Show this MSDS.

SECTION 5: FIRE - FIGHTING MEASURES

Flammable properties: Not flammable by WHMIS/OSHA criteria

Suitable Extinguishing media: Dry chemical. Alcohol foam. Carbon Dioxide.

Unsuitable Extinguishing media: Not available.

Protection of firefighter's specific hazards arising from the chemical: Not available.

Protective equipment for firefighters: Firefighters should wear full protective clothing including self contained breathing apparatus.

Hazardous combustion products: May include and are not limited to : Oxides of Carbon.

Explosion data sensitivity to mechanical impact: Not Available.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Keep unnecessary personnel away. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Methods for containment: Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements, or confined areas.

Methods for cleaning up: Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent material and placed in suitable, covered, labeled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.

SECTION 7: HANDLING AND STORAGE

Handling: Use good hygiene and safety practices in handling this material.

Storage: Keep out of reach of children. Store in a closed container away from incompatible materials. Store in a cool dry place. Avoid extremely hot or cold temperatures.

SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

Eye Protection: Safety Glasses Recommended

Hand Protection: If there is a constant skin contact, rubber gloves are recommended.

Respiratory Protection: Not normally required if good ventilation is maintained.

General Hygiene Considerations: Use good hygiene and safety practices when handling this material. When using, do not eat or drink. Wash hands immediately after handling products.

SECTION 9: CHEMICAL AND PHYSICAL PROPERTIES

Appearance: Clear, Red

Color: Clear **Form:** Liquid **Odor:** No Odor

Odor Threshold: N/A

Physical State: Liquid pH: Neutral

Melting Point: N/A Freezing Point: N/A

Boiling Point: N/A Freezing Point: N/A

Flash Point: > 121° C (249.80° F) Tag Closed Cup

Evaporation rate: N/A

Flammability limits in air, lower, % by volume: N/A

Flammability limits in air, upper, % by volume: N/A

Vapor Pressure: N/A

Vapor Density: >1 (air=1)

Specific Gravity: ~ 1.083 (H₂O=1)

Octanol/Waer Coefficient: N/A

Solubility H₂O: Complete

Auto-Ignition Temperature: N/A

Viscosity: N/A

% Volatile: N/A

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability: Stable

Conditions to Avoid: Do not mix with other chemicals.

Incompatible Materials: Caustics, Acids, Oxidizers.

Hazardous decomposition products: May include and are not limited to: Oxides of Carbon when heated to decomposition.

Possibility of hazardous reactions: Hazardous polymerization does not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Routes of Entry

Inhalation: Yes Symptoms/Injuries After Inhalation: None expected under normal conditions of use
Eyes: Yes Symptoms/Injuries After Eye Contact: None expected under normal conditions of use
Skin: Yes Symptoms/Injuries After Skin Contact: None expected under normal conditions of use
Ingestion: Yes Symptoms/Injuries After Ingestion: None expected under normal conditions of use

Carcinogenicity: Not Classified
Reproductive Toxicity: Not Classified
Respiratory or Skin Sensitization: Not Classified
Skin Corrosion/ Irritation: Not Classified
Eye Damage/ Irritation: Not Classified

SECTION 12: ECOLOGICAL INFORMATION

Ecological Testing has not been done on this product.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal must be in accordance with applicable federal, state, and local regulations.

SECTION 14: TRANSPORT INFORMATION

U.S Department of Transportation: Not Regulated
International Transportation: Non Regulated
Canadian Transportation of Dangerous Goods: Non Regulated

SECTION 15: REGULATORY INFORMATION

US Federal Regulations: This product is not known to contain "Hazardous Chemicals" as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

Safe Drinking Water Act: N/A Drug Enforcement Agency: N/A Food and Drug Administration: N/A

WHMIS: Not Controlled

Section 302 Extremely Hazardous Substance: NO

Section 311 Hazardous Chemical: NO

SARA Hazard Categories: Immediate Hazard- NO Delayed Hazard: NO Fire Hazard: NO Pressure Hazard: NO

Reactivity Hazard: NO

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

U.S Minnesota - Hazardous Substance List

U.S Massachusetts - Right to Know List

U.S Pennsylvania - Right to Know List

U.S Rhode Island - Hazardous Substance List

U.S Texas - Effects Screening Levels - Short/Long Term

United States & Puerto Rico Non-Domestic Substance List: No

Toxic Substances Control Act inventory: Yes

Canada Domestic Substance List: Yes

The information presented in this MSDS is believed to be factual. However, nothing contained in this information is to be taken as a warranty of any kind by Blizzard Lighting, LLC.

The user should review any recommendations, the specific conditions, in the specific context of the intended use, to determine whether they are appropriate.

If you have any questions, please contact Blizzard Lighting. (866) 493-6025