



Safety Data Sheet (SDS) - Fire-Poof™ Flame-Retardant

1. Identification

Product Identifier Fire-poof Interior Flame Retardant
Other means of Identification Water-based flame retardant saturant.
Recommended use Refer to manufacturer sell sheet.
Recommended restrictions Refer to manufacturer sell sheet.
Manufacturer name Firetect, Inc.
Address 28298 Constellation Road
 Valencia, CA 91355
Country USA
Phone 661-295-3473
Fax 661-295-3880
E-mail info@firetect.com
Website www.firetect.com

2. Hazard(s) Identification

Emergency overview Irritant.
Classification
Hazard symbol Category 5. No symbol.
Signal word Warning.
Potential health effects
Inhalation May be harmful if inhaled. Short-term exposure may cause irritation of nose, throat, and lungs.
Eyes/Skin May be harmful in contact with eyes/skin. Short-term exposure may cause irritation.
Ingestion Ingestion of large quantities may cause symptoms of non-specific irritation of gastrointestinal tract, nausea, vomiting—seek medical attention. May be harmful in contact with eyes/skin. Short-term exposure may cause irritation.
Environmental hazards No known significant environmental effects.
NFPA/HMIS classification Health: 0
 Flammability: 0
 Reactivity: 0
 0-Least, 1-Slight, 2-Moderate, 4-Extreme

3. Composition/Information on ingredients

Chemical name	CAS number	Percent
Water	7732-18-5	70-86%
Trade secret per 29 CFR 1910.1200	-	14-30%
NO REPORTABLE HAZARDOUS INGREDIENTS		

4. First-aid measures

Inhalation Remove person to fresh air. If necessary, seek advice of a physician.
Skin contact Wash skin with soap and water. Launder clothing before reuse.

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Eye contact	In case of eye contact, flush with running water for at least 15 minutes. If irritation persists, seek advice of a physician.
Ingestion	If swallowed, induce vomiting, seek medical attention.
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5. Fire-fighting measures	
Suitable extinguishing media	Carbon dioxide, dry chemical, foam, water spray.
Unsuitable extinguishing media	None.
Specific hazards arising from the substance or mixture	None.
Special protective equipment and precautions for fire-fighters	None.
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6. Accidental release measures	
Personnel precautions	None.
Environmental precautions	Avoid runoff into storm sewers, ditches, and waterways.
Cleanup measures	Spills should be contained, solidified, and placed in suitable containers for disposal. Wash exposed skin with soap and water.
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7. Handling and storage	
Precautions for safe handling	Avoid breathing mist. Avoid prolonged skin contact.
Engineering controls	Use local exhaust ventilation if sprayed inside. Otherwise, general ventilation is adequate.
Conditions for safe storage	Store upright in original sealed container in a cool, dry location away from light and strong frost.
Storage temperature	Store between 40°F and 100°F. Keep cap on container at all times.
Shelf life	Shelf life is 5 years, if unopened.
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8. Exposure controls/Personal protection	
VOC	0 Grams/Liter
Exposure controls	Use appropriate engineering controls such as proper ventilation. Where such systems are not effective, wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards.
Personal protective equipment	
Eye/Face protection	Wear goggles to avoid overspray and splashing. Eye and face protection should be in accordance with OSHA 29 CFR 1910.133.
Hand/Arm protection	Rubber or plastic gloves are recommended.
Respiratory protection	Use an N-95 or P-95 mask. If used in a confined area, use respirators in accordance with 29 CFR 1910.134(d)(3)(i)(A) Table 1, 29 CFR 1910.134(d)(3)(iii)(B) and 29 CFR 1910.134(d)(3)(iv)(B).
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9. Physical and chemical properties	
Appearance	
Physical state	Liquid.
Color	Clear.
Odor	Very faint odor.
Odor threshold	Not applicable.
pH	6.5-7.0
% volatile by vol	
Freezing point	32°F
Boiling point	212°F
Specific gravity	1.08
Evaporation rate	
Vapor pressure	Same as water.
Vapor density	Same as water.

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10. Stability and reactivity

Reactivity	No special reactivity.
Chemical stability	Stable under normal conditions.
Incompatible materials	May tarnish or react to metal, much like water would. Strong oxidizer.
Decomposition materials	None.

11. Toxicological information

Acute toxicity	
Potential health effects	
Inhalation	May be harmful if inhaled. Short-term exposure may cause irritation of nose, throat and lungs.
Eyes/Skin	May be harmful in contact with eyes/skin. Short-term exposure may cause irritation.
Ingestion	May be harmful if swallowed. Possible stomach irritation and nausea.

12. Ecological information

Eco toxicity	No data available.
Persistence and degradability	No data available.
Bio accumulative potential	No data available.
Mobility in soil	No data available.
Other adverse effects	No data available.

13. Disposal considerations

Waste disposal of product	Do not discharge product into storm or waste water sewer systems.
Contaminated packaging	Dispose of in accordance with federal, state, and local regulations.
Container disposal	Plastic pails are recyclable. Rinse well before recycling or disposal. Dispose of in accordance with federal, state, and local regulations. Contact local authorities for further information.

14. Transport information

Land transport	
USDOT	Non-hazardous product. Not regulated.
Marine transport	
IMDG	Non-hazardous product. Not regulated.
Air transport	
IATA	Non-hazardous product. Not regulated.

15. Regulatory information

Additional safety, health and environmental regulations	Not applicable.
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16. Other information

Complies with OSHA Hazard Communication Standard 29 CFR 1910.1200 and prepared to GHS.	
Preparation information	
Prepared by	Firetect [®] , Inc.
Disclaimer	It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information given is presented in good faith and believed to be correct as of the date hereof, based on available data, material components, and similar materials. Firetect [®] , Inc. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used.