



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 Rd. Valencia, CA 91355	
Country		USA	
Phone		661-295-3473	
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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.	Chemical name	CAS number	Percent
Composition/Information on ingredients	Water	7732-18-5	70-86%
	Trade secret per 29	-	14-30%
	NO REPORTABLE	-	-
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.	
	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 and seek medical attention.	
5. Fire-fighting measures			
Suitable extinguishing media		Carbon dioxide, dry chemical, foam, water spray.	
Unsuitable extinguishing media		None.	
Specific hazards arising from the substance		None.	
Special protective equipment and precautions for fire-fighters☞		None.	
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. Washed exposed skin with soap and water.	
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 and 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.	

8. Exposure controls/PPE	
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.
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).
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.
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	
Ecotoxicity	No data available.
Persistence and degradability	No data available.
Bioaccumulate 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 discard 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.
16. Other information	Complies with OSHA Hazard Communication Standard 29 CFR 1910.1200 and prepared to GHS.
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.
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