

SAFETY DATA SHEET

Flame Stop® I-DS
Sep 29, 2015

SECTION 1) Chemical Product and Supplier's Identification

Product ID : Flame Stop® I-DS
Product Name : Flame Stop® I-DS
Revision Date : 09/29/2015
Manufacturer's Name : Flame Stop® Inc.
Address : 924 S. Blue Mound Rd., Fort Worth, TX.
Emergency Phone : Chemtrec: 1.800.424.9300 **Date Printed :** 09/29/2015
Information Phone : 817-306-1222
Product/Recommended Uses: Fire Retardant

SECTION 2) Hazards Identification

Pictograms:

Classification:

Not classified

Hazardous Statements - Physical:

Not classified

Hazardous Statements - Health:

Not classified

Signal Word:

Not classified

Hazardous Statements - Environmental:

Not classified

Precautionary Statements - General:

Not classified

Precautionary Statements - Prevention:

Not classified

Precautionary Statements - Response:

Not classified

Precautionary Statements - Storage:

Not classified

Precautionary Statements - Disposal:

Not classified

Dispose of contents/container to disposal recycling center. Waste management should be in full compliance with federal, state and local laws.

SECTION 3) Composition / Information on Ingredients

CAS	Chemical Name	% by Weight
0007732-18-5	WATER	60% - 80%
Proprietary	Proprietary	10% - 20%
Proprietary	Proprietary	10% - 20%
Proprietary	Proprietary	.01% - 0.1%

SECTION 4) First-Aid Measures

Inhalation:

Remove source of exposure or move person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell or are concerned.

Skin Contact:

Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Wash with plenty of lukewarm, gently flowing water for 15-20 minutes. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before re-use.

Eye Contact:

If irritation occurs, cautiously rinse eyes with lukewarm, gently flowing water for 5 minutes, while holding the eyelids open. If eye irritation persists: Get medical advice/attention.

Ingestion:

Rinse mouth. If you feel unwell/concerned: Get medical advice/attention.

SECTION 5) Fire-Fighting Measures

Suitable Extinguishing Media:

Use dry chemical, foam or carbon dioxide to extinguish fire.

Unsuitable Extinguishing Media:

Not available.

Fire-fighting Procedures:

Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done so safely.

Special Protective Actions:

Wear protective pressure self-contained breathing apparatus (SCBA) and full turnout gear.

Care should always be exercised in dust/mist areas.

Use water to keep fire-exposed containers and the surroundings cool.

SECTION 6) Accidental Release Measures

Recommended Equipment:

Respirator or Dust Mask (NIOSH approved).

Personal Precautions:

Avoid contact with skin, eye or clothing. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.

Emergency Procedure:

Spill: Remove with inert absorbent into a convenient waste disposal container.

Environmental Precautions:

Do not flush to sewer or waterways. Prevent release to the environment if possible.

SECTION 7) Handling and Storage

General:

Wash hands after use.
Do not get in eyes, on skin or on clothing.
Do not breathe vapors or mists.
Use good personal hygiene practices.
Remove contaminated clothing and protective equipment before entering eating areas.
Eyewash stations should be available in areas where this material is used and stored.

Ventilation Requirements:

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Storage Room Requirements:

N/A

SECTION 8) Exposure Controls/ Personal Protection

Eye Protection:

Dust-proof goggles or safety glasses with side shields or vented/splash proof goggles. Contact lenses may absorb irritants.

Skin Protection:

Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves impervious. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. To prevent skin contact wear protective clothing covering all exposed areas. Avoid unnecessary skin contact.

Respiratory Protection:

If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker, a respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 and ANSI Z88.2 should be followed. Check with respiratory protective equipment suppliers.

SECTION 9) Physical and Chemical Properties

Physical Properties

Density [lb/gal]	9.5-10.5
% Solids By Weight	15-35%
% VOC	0-0.2%
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Appearance	clear
Odor Description	N.A.
Odor Threshold	N.A.
pH	6-8
Melting Point	N.A.
Freezing Point	32 degrees F
Low Boiling Point	N.A.
High Boiling Point	N.A.

Flash Point Symbol	N.A.
Flash Point	N.A.
Evaporation Rate	Slower than n-butyl acetate
Flammability	N.A.
Upper Explosion Level	N.A.
Lower Explosion Level	N.A.
Vapor Density	Heavier than air
Vapor Pressure	N.A.
Water Solubility	N.A.
Coefficient Water/Oil	N.A.
Auto Ignition Temp	N.A.
Decomposition Pt	N.A.
Viscosity	N.A.

SECTION 10) Stability and Reactivity

Stability:

Stable under normal conditions and use.

Conditions to Avoid:

Avoid contact with water-reactive materials.

Avoid temperature above maximum storage temperature.

Hazardous Polymerization:

Will not occur.

Incompatible Materials:

Not available.

Hazardous Decomposition Products:

Carbon dioxide, ammonia and carbon monoxide.

SECTION 11) Toxicological Information

Germ Cell Mutagenicity:

No data available.

Skin Corrosion/Irritation:

Prolonged exposure may cause drying of the skin.

Specific Target Organ Toxicity - Single Exposure:

No data available.

Specific Target Organ Toxicity - Repeated Exposure:

No data available.

Serious Eye Damage/Irritation:

No data available.

Aspiration Hazard:

No data available.

Respiratory/Skin Sensitization:

No data available.

Carcinogenicity:

No data available.

Reproductive Toxicity:

No data available.

Acute Toxicity:

No data available.

SECTION 12) Ecological Information

Toxicity:

No data available.

Persistence and Degradability:

No data available.

Bioaccumulative Potential:

No data available.

Mobility in Soil:

No data available.

Other Adverse Effects:

No data available.

SECTION 13) Disposal Considerations

Waste Disposal:

Waste management should be in full compliance with federal, state and local laws.

SECTION 14) Transport Information

NLR, EAR 99

SECTION 15) Regulatory Information

CAS	Chemical Name	% By Weight	Regulation List
0007732-18-5	WATER	60% - 75%	
Proprietary	Proprietary	10% - 20%	
Proprietary	Proprietary	10%- 20%	
Proprietary	Proprietary	0.1%-1.0%	

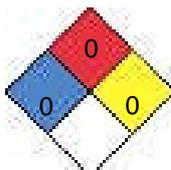
SECTION 16) Other Information Including Information on Preparation and Revision of the SDS

Prepared on Sep. 29th, 2015.

Glossary:

ACGIH- American Conference of Governmental Industrial Hygienists; ANSI- American National Standards Institute; Canadian TDG- Canadian Transportation of Dangerous Goods; CAS- Chemical Abstract Service; Chemtrec- Chemical Transportation Emergency Center (US); CHIP- Chemical Hazard Information and Packaging; DSL- Domestic Substances List; EC- Equivalent Concentration; EH40 (UK)- HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA- Emergency Planning and Community Right-To-Know Act; ESL- Effects screening levels; HMIS- Hazardous Material Information Service; LC- Lethal Concentration; LD- Lethal Dose; NFPA- National Fire Protection Association; OEL- Occupational Exposure Limits; OSHA- Occupational Safety and Health Administration, US Department of Labor; PEL- Permissible Exposure Limit; SARA (Title III)- Superfund Amendments and Reauthorization Act; SARA 313- Superfund Amendments and Reauthorization Act, Section 313; SCBA- Self-Contained Breathing Apparatus; STEL- Short Term Exposure Limit; TCEQ- Texas Commission on Environmental Quality; TLV- Threshold Limit Value; TSCA- Toxic Substances Control Act Public Law 94-469; TWA- Time Weighted Value; US DOT- US Department of Transportation; WHMIS- Workplace Hazardous Materials Information System.

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