

Material Safety Data Sheet - page 1

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FRIGI-TECH INTERNATIONAL
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Houston, Texas 77040
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Product Code: #9611 Frigi-Tech
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Hazard Rating

NFPA LEGEND	
4	EXTREME
3	HIGH
2	MODERATE
1	SLIGHT
0	INSIGNIFICANT

FRIGI-TECH NFPA RATING	
FIRE	1
TOXICITY	1
REACTIVITY	1
SPECIAL	0

CHEMICAL AND PHYSICAL PROPERTIES – SECTION 1

Chemical Name:

Mixture of naphthenic hydrocarbons and halogenated paraffins.

Formula:

Not applicable

Hazardous Decomposition Products:

Oxides of carbon and sulfur. Aldehydes may be formed upon in-complete combustion.

Incompatibility (Keep away from):

Alkali metals. Strong oxidizers.

Form: Liquid

Odor: Neutral

Appearance: Viscous liquid

Color: Light amber

Specific Gravity (water=1): 0.977

Viscosity SUS at 100 °F: 655

Volatile (by weight %): Negligible

Evaporation Rate: NDA

Solubility in Water (by weight %): Negligible

Vapor Pressure (mm Hg at 20° C): NA

Boiling Point: NDA

Melting point: NDA

Ph (as is): NA

Vapor Density (air=1): NDA

Stability: Stable

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FIRE AND EXPLOSION DATA – SECTION II

Special Fire Fighting Procedures:

Use water to keep fire-exposed containers cool. Firefighters should wear self-contained breathing apparatus. Do not enter confined fire-space without full bunker.

Unusual Fire and Explosion Hazards:

Heated containers may explode.

Flashpoint:

NDA

Flammable Limits %:

385 ° F

Extinguishing Agents:

Dry chemical, CO₂, foam, water spray, and sand/earth.

HEALTH HAZARD DATA – SECTION III

Permissible concentrations (air):

5 mg/m³ for oil mist

Chronic effects of overexposure:

May cause skin irritation. Dermatitis possible with prolonged exposure.

Acute toxicological properties:

Eye irritant. Low order of oral and dermal toxicity.

Emergency First Aid Procedures:

Eyes: Flush with clear water. If irritation persists get medical attention.

Skin Contact: Remove contaminated clothing. Wash skin thoroughly with soap and water. Launder clothing before reuse. If irritation occurs get medical attention.

Inhalation: Remove victim to fresh air. Provide oxygen if necessary. Get medical attention.

If Swallowed: DO NOT INDUCE VOMITING! Get immediate medical attention.

SPECIAL PROTECTION INFORMATION – SECTION IV

Ventilation Type Required:

None necessary unless working in confined area.

Respiratory Protection:

OSHA/NIOSH approved respirator when working with aerosol mist or in confined area.

Protective Gloves:

Chemical resistant

Eye Protection:

Chemical safety goggles if splashing possibility exists.

Other Protective Equipment:

None necessary under normal use.

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HANDLING OF SPILLS OR LEAKS – SECTION V

Procedures for Clean-up:

Absorb with inert material such as vermiculite. Sweep up and dispose of in accordance with all local, state, and federal regulations. Make sure product is kept out of sewers and watercourses.

Waste Disposal:

Assure conformity with all applicable governmental regulations.

SPECIAL PRECAUTIONS – SECTION VI

Precautions to be taken in handling and storage:

Keep containers closed when not in use. Do not store near heat, sparks, or other sources of ignition.

TRANSPORTATION DATA – SECTION VII

D.O.T.:

Not regulated

Freight Classification:

Petroleum Oil N.O.S.

Special Transportation Notes:

None

COMMENTS – SECTION VIII

KEEP OUT OF THE REACH OF CHILDREN!!!

All components are listed on the TSCA inventory.