

SECTION 2 - PRODUCT COMPONENTS

	<u>Component Name</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Wt. %</u>	<u>CAS Number</u>
1)	Isopropyl alcohol	400 ppm	400 ppm	50-60	67-63-0
2)	Petroleum distillates	5 mg/m ³ ¹	5 mg/m ³ ¹	5-15	68477-31-6
3)	Aliphatic petroleum naphtha	100 ppm	100 ppm	5-15	64742-88-7
4)	*Naphthalene	10 ppm	10 ppm	< 0.1	91-20-3
5)	Ethyl benzene	100 ppm	100 ppm	< 0.1	100-41-4
6)	Other ingredients, non-hazardous or <1% ²	5 mg/m ³ ¹	5 mg/m ³ ¹	Balance	---

*SARA III SECTION 313 TOXIC CHEMICAL

SECTION 3 - PHYSICAL AND CHEMICAL CHARACTERISTICS

Boiling Point:	363° F IBP	Specific Gravity:	0.83 typical
Vapor Pressure:	1 @ 68° F	Water Soluble:	Partially
Vapor Density (Air = 1):	>1	Water Reactive:	No
Volume % Volatile:	>80	pH:	NA
Appearance and Odor:	Amber liquid, pungent solvent odor.		

SECTION 4 - FIRE AND EXPLOSION INFORMATION

Flash Point (Method):	53° F ³	Auto-ignition Temp.:	ND
Flammable Limits, LEL:	ND	UEL:	ND
Extinguishing Media:			
Special Fire-fighting Procedures:	Use SCBA. Water is not suitable as an extinguishing media, but may be used to cool nearby containers.		
Unusual Fire and Explosion Hazards:	Pressure may develop in closed containers if overheated.		

SECTION 5 - REACTIVITY DATA

Stable:	Yes	Conditions to Avoid:	Heat, sparks, open flame.
Incompatibility:	Strong oxidizers like chlorine or concentrated oxygen.		
Hazardous Decomposition Products:	Combustion may produce smoke, carbon monoxide, other undetermined oxides and fumes.		
Polymerization:	No	Conditions to Avoid:	None known

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defatting. Inhalation may cause irritation, headache, nausea, CNS depression. Ingestion may cause gastrointestinal irritation, nausea, vomiting, diarrhea, and abdominal pain.

Emergency First Aid Procedures

- Eye Contact:** Flush with running water for 15 minutes, holding lid open to expose eye surface. Contact physician.
- Skin Contact:** Remove contaminated clothing and shoes. Wash with mild soap and water. Apply skin cream for irritation. Contact physician if irritation persists.
- Inhalation:** Remove to fresh air at once. Apply artificial respiration if necessary. Contact physician immediately.
- Ingestion:** **CONTACT PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.**
- Chronic Hazards:** Health studies have shown that many chemicals pose human health risks that may vary from person to person. Repeated overexposure to naphthalene may cause destruction of red blood cells with anemia, fever, jaundice, and kidney and liver damage. Prolonged or repeated occupational overexposure to solvents has been linked to permanent brain and nervous system damage. Intentional misuse by deliberate concentration and inhalation may be harmful or fatal. As a precaution, exposure to liquids or vapors should be minimized.

SECTION 7 - SPECIAL PRECAUTIONS/SPILL & LEAK PROCEDURES

- Precautions for Storage and Handling:** Keep containers closed when not in use. Do not use or store near open flame or strong oxidizers.
- Other Precautions:** Avoid breathing vapors or mists; prolonged or repeated skin contact.
- Spill or Leak Precautions:** Remove ignition sources. Dike and take up with absorbent material. Ensure adequate ventilation.
- Waste Disposal Method:** Comply with all applicable regulations.

SECTION 8 - SPECIAL PROTECTION & PRECAUTIONS

- Respiratory Protection:** None required in normal use but an effective NIOSH/MSHA approved respirator should be used at any time when vapor concentrations exceed established standards.
- Ventilation Type Required:** Adequate to maintain level below established standards.

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SECTION 9 - SHIPPING/LABELING INFORMATION

DOT ID Number: NA⁵
DOT Hazard Class: ORM-D⁵
DOT Proper Shipping Name: Consumer Commodity⁵
DOT Precautionary Label: None required
Packing Group: None assigned
IMO/IATA ID Number: UN1993 / UN1993
IMO/IATA Hazard Class: 3.2 / 3
IMO Proper Shipping Name: FLAMMABLE LIQUID, N.O.S.
(Isopropyl Alcohol, Petroleum Naphtha)
IATA Proper Shipping Name: Flammable liquid, n.o.s.
(Isopropyl Alcohol, Petroleum Naphtha)
IMO/IATA Precautionary Label: Flammable Liquid Diamond / Flammable Liquid Diamond
IMO/IATA Packing Group: II / II
IMO Page Number: 3230
Marine Pollutant: No

In Case of Transportation Emergency, Call Chemtrec **1-800-424-9300**

¹ Standard for oil mist in air

² 1.4% of this product (INSP2031) is composed of a component containing the following materials:

<u>Description</u>	<u>CAS Number</u>
Alkenyl corboxylic acid	---
Alkyl aminoester	---
Aliphatic naphtha	64742-88-7
9,12-Octadecadienoic acid	60-33-3
n-Nonane	111-84-2
1,2,4-Trimethylbenzene	95-63-6

³ Data based on components

⁴ Recommended

⁵ This classification is valid for US domestic ground transportation in containers < 0.3 gallons (42.5 fl oz) only. Refer to 49CFR 173.150(c) for details.

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COLD WEATHER DIESEL FUEL TREATMENT MATERIAL SAFETY DATA SHEET, C

Abbreviations

NA	<i>Not Applicable</i>	mppcf	<i>Million Parts per Cubic Foot</i>
N AV	<i>Not Available</i>	ppm	<i>Parts per Million</i>
ND	<i>Not Determined</i>	mg/m ³	<i>Milligrams per Cubic Meter</i>
NE	<i>None Established</i>	CAS	<i>Chemical Abstract Service</i>
NTP	<i>National Toxicology Program</i>	SCBA	<i>Self Contained Breathing Appara</i>
IBP	<i>Initial Boiling Point</i>	fpm	<i>Feet per Minute, Face Velocity</i>
TCC	<i>Tagliabue Closed Cup</i>		
COC	<i>Cleveland Open Cup</i>		
IARC	<i>International Agency for Research on Cancer</i>		
OSHA	<i>Occupational Safety and Health Administration</i>		
ACGIH	<i>American Conference of Governmental Hygienists</i>		

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