

# MATERIAL SAFETY DATA SHEET

MANUFACTURER'S NAME	
T.R. INDUSTRIES	
STREET ADDRESS	
11022 VULCAN STREET	
CITY, STATE AND ZIP CODE	
SOUTH GATE, CALIFORNIA 90280-0893	
PHONE, FAX, e-MAIL	FAX
562-923-0838 562-861-3475 info@trindustries.com	
EMERGENCY PHONE NUMBER (24 Hours):	
Transportation Emergencies Call: CHEMTREC (800) 424-9300 International: 202-483-7616 Health Emergencies Call: Los Angeles Poison Information Center (800) 876-4766	
PRODUCT: FB-2 (2oz) FB-8 (8OZ) FB-16 (16oz)	DANGER: Contains Petroleum Distillated and Morpholine. Harmful if swallowed <b>DO NOT</b> induce vomiting. Call a physician immediately. Avoid eye contact and prolonged skin contact. USE IN WELL VENTILATED AREAS. KEEP OUT OF THE REACH OF CHILDREN FOR INDUSTRIAL USE ONLY.
DOT (Proper Shipping Name)	IMO/IMDG (PROPER SHIPPING NAME)
Compound Cleaner, Non-Hazardous	PETROLEUM DISTILLATE, N.O.S., COMBUSTIBLE LIQUID MARINE POLLUTANT - NO
HAZARD RATING NFPA	STOWAGE AND SEGREGATION - CATEGORY B EMERGENCY SCHEDULE F-E S-E
0-LEAST FIRE - 1 1-SLIGHT TOXICITY - 2 2-MODERATE REACTIVITY - 0 3-HIGH SPECIAL - 4-EXTREME	

## SECTION I .. INGREDIENTS

PRODUCT	CAS NUMBER	PEL	TLV	PERCENTAGES
STODDARD SOLVENTS	64741-41-9	500	500A	10-12%
PARAFINS, CYCLOPARAFINS & AROMATICS			NE	.02%
D-LIMONENE	5989-27-5	100	100A	.04%
MORPHOLINE	110-910-8	20	20B	.04%
POLYSILOXANE MIXTURE			NE	

A, Osha [ ]

B, ACGII [ ]

C, See Section III [ ]

Cal Osha [ ]

# 11-1800

**Section II .. EMERGENCY AND FIRST AID PROCEDURES****EMERGENCY: Transportation Call: CHEMTREC (800) 424-9300 International: 202-483-7616****Have a physician call: LOS ANGELES POISON INFORMATION CENTER(24 Hrs.) (800) 876-4766**

EYE CONTACT	Gently flush with large quantities of water for at least 15 minutes. Seek medical attention immediately.
SKIN CONTACT	Remove any contaminated clothing. Wash with soap and large quantities of water. Seek medical attention if irritated.
INHALATION	If breathing difficulties, dizziness, or light-headedness occur when working in areas with high vapor concentration, move to outside air immediately. If breathing stops, begin artificial respiration and seek immediate medical attention.
INGESTION	If this product is swallowed, seek medical attention immediately. <u>DO NOT</u> induce vomiting unless directed by a physician.

**Section III .. PHYSIOLOGICAL EFFECTS AND HEALTH INFORMATION**

EYE EFFECTS	This product may be an eye irritant.
SKIN EFFECTS	Prolonged skin contact may result in irritation and/or Dermatitis.
SYSTEMIC EFFECTS	Various studies have shown a possible association with exposure to this product and the following:

CARCINOGEN:NTP IARC MONOGRAPHS OSHA

NONE KNOWN

**SECTION IV .. SPECIAL PROTECTION INFORMATION**

<b>RESPIRATORY PROTECTION</b> (Specify Type)	The use of respiratory protection depends on vapor concentration of the time-weighted TLV. Use a respirator/gas mask with appropriate cartridges and canister (NIOSH approved, if available), or supplied air equipment, depending on airborne concentration.
<b>VENTILATION</b>	If general mechanical ventilation proves inadequate to maintain safe vapor concentrations, supplemental local exhaust may be required. Other special precautions, such as respiratory protection, may be required if vapor concentrations cannot be reduced to below the TLV by ventilation.
<b>EYE PROTECTION</b>	Safety glasses and/or face shields are recommended.
<b>PROTECTIVE GLOVES</b>	The use of heavy rubber gloves is advised to prevent skin irritation and absorption.
<b>OTHER PROTECTIVE EQUIPMENT</b>	Impermeable aprons, availability of eye washes and safety are recommended.

**SECTION V .. REACTIVITY DATA**

<b>STABILITY</b>	Stable
Conditions to avoid:	NONE
<b>INCOMPATIBILITY</b> (Materials to avoid)	This product is incompatible with strong oxidizing agents, strong acids, or bases, and selected amines.
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	Thermal decomposition in the presence of air may yield carbon monoxide and/or carbon dioxide.
<b>HAZARDOUS POLYMERIZATION</b>	Will Not Occur

**SECTION VI .. SPILL OR LEAK PROCEDURES****HIGHWAY OR RAILWAY SPILLS - CALL CHEMTREC (800) 424-9300**

<b>PRECAUTIONS IN CASE OF RELEASE OR SPILL</b>	Stay upwind and away from spill unless wearing appropriate protective equipment. Stop and/or contain spill if it can be done safely. Keep all sources of ignition away.
<b>WASTE DISPOSAL METHOD</b>	Dispose of product in accordance with applicable local, county, state and Federal regulations.

**SECTION VII .. STORAGE AND SPECIAL PRECAUTIONS**

<b>HANDLING AND</b>	Keep product containers cool, dry and away from sources of ignition. Use and
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STORING PRECAUTIONS	store with adequate ventilation.
OTHER PRECAUTIONS	Personnel should avoid inhalation of vapors. Should contact be made, remove saturated clothing and flush with water.

**SECTION VIII .. FIRE AND EXPLOSION HAZARD DATA**

DOT FLAMMABILITY CLASSIFICATION	Flash Point : 194° F / 90 ° C
EXTINGUISHING MEDIA	Use Foam, CO <sub>2</sub> or dry chemical fire fighting apparatus.
UNUSUAL FIRE & EXPLOSION HAZARDS	Keep work areas free of hot metal surfaces and other sources of ignition.
HAZARDOUS POLYMERIZATION	The use of self-contained breathing apparatus is recommended for fire fighters. Avoid spreading burning liquid with water. Contact Fire Dept. immediately.

**SECTION IX .. PHYSICAL DATA**

BOILING RANGE      315-390 °F / 157.2 – 198.8° C		
Vapor Density: (Air=1)4.90		V.O.C. <20%
EVAPORATION RATE: (Acetal=1)0.1	Percent Volatile: 38%	Solubility in water: NEGLECTIBLE
SPECIFIC GRAVITY: .78 at 60°	Weight Per Gallon: 8.7LBS	
APPEARANCE AND ODOR: LIGHT TAN WITH CHARACTERISTIC ODOR		

**SECTION X .. DOCUMENTARY INFORMATION**

Product Code: **FB-2, FB-8, FB-16** Issue date: **Aug-14** Prepared By: **FRED SMITH**

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