

**SAFETY DATA SHEET**

Prepared Date: 01/06/2014
Revision Date: 11/24/2014

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: TFM-750 Heavy Duty Penetrant with PTFE & Moly
PRODUCT NUMBER: 891.105
PRODUCT USE: Penetrant Lubricant
MANUFACTURED FOR: Winzer Corporation
4060 E. Plano Parkway
Plano, TX 75074
COMPANY PHONE NUMBER: 800-527-4126
24 HOUR EMERGENCY PHONE: INFOTRAC 1-800-535-5053 (USA & Canada)

SECTION 2 – HAZARD(S) IDENTIFICATION**CLASSIFICATION:**

Flammable Aerosol: Category 1 Liquefied Gas

Eye Irritant: Category 2b

Aspiration Hazard: Category 1

HAZARD STATEMENT(S):**DANGER:**

Extremely Flammable.

Aerosol Contains gas under pressure: May explode if heated.

Causes serious eye irritation.

May be fatal if swallowed and enters airways.

This product contains the following percentage of chemicals of unknown toxicity: 2%.

PICTOGRAM SYMBOL(S):

PRECAUTIONARY STATEMENTS: Keep away from heat, sparks, open flames, and hot surfaces. -No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50C/122F. Store in a well-ventilated place. Wash hands thoroughly after handling. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting. Store locked up. Dispose of contents and container in accordance with local, state, and national regulations.

HAZARDS NOT OTHERWISE CLASSIFIED: N/A.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS #	PERCENT
Isoparaffinic Hydrocarbon	64742-47-8	15-40%
Ethyl Acetate	141-78-6	3-7%



Mineral Seal Oil	64741-44-2	15-40%
Heavy Paraffinic Petroleum Oil	64741-88-4	5-10%
Light Paraffinic Petroleum Oil	4741-89-5	1-5%
Propane/n-Butane	68476-86-8	10-30%

SECTION 4 – FIRST AID MEASURES**FIRST AID:**

EYES: Immediately flush with water for 15-20 minutes while holding eyelids open. Seek medical attention if irritation persists.

INGESTION: If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting.

INHALATION: Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration. Seek immediate medical attention.

SKIN: Immediately wash with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation develops.

ACUTE HEALTH HAZARDS: Eye: stinging, tearing, redness.
Oral: Aspiration risk.

CHRONIC HEALTH HAZARDS: None known.

NOTE TO PHYSICIAN: There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

SECTION 5 – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Dry chemical, foam, or Carbon Dioxide (CO₂).

UNSUITABLE EXTINGUISHING MEDIA: Water spray/stream.

SPECIAL FIRE FIGHTING PROCEDURES: Wear full protective clothing and NIOSH-approved SCBA with full face piece operated in positive pressure or pressure demand. Use water mist to keep material cool in fire situations.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Keep away from sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source.

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Refer to Section VIII for proper Personal Protective Equipment.

SPILL: Use non-combustible material like vermiculite, sand or earth on spill sweep to clean. Dispose in accordance with local, state and federal laws. Small releases may be wiped up with wiping material.

WASTE DISPOSAL: Dispose of in accordance with federal, state, and local regulations.

RCRA STATUS: Liquid could be classified as D001 under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION 7 – HANDLING AND STORAGE

HANDLING AND STORAGE: Protect from sunlight. Store in a well-ventilated place. Do not expose to temperatures exceeding 50°C/122°F. Pressurized container: Do not pierce or burn, even after use. Store locked up.

OTHER PRECAUTIONS: Keep out of the reach of children.

INCOMPATIBILITY: Strong oxidizing agents, strong reducing agents, some plastics.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Isoparaffinic Hydrocarbon	5 mg/m ³	5 mg/m ³
Ethyl Acetate	400 ppm	400 ppm
Mineral Seal Oil	5 mg/m ³	5 mg/m ³
Heavy Paraffinic Petroleum Oil	5 mg/m ³	5 mg/m ³
Light Paraffinic Petroleum Oil	5 mg/m ³	5 mg/m ³
Propane/n-Butane	1000 ppm	1000 ppm

ENGINEERING CONTROLS/ VENTILATION: Normal, forced ventilation required. Local exhaust ventilation is generally preferred.

RESPIRATORY PROTECTION: Not required with adequate ventilation. Wear NIOSH/MSHA approved organic vapor respiratory protection if exposure limits are exceeded.

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses.

ADDITIONAL MEASURES: Wash hands thoroughly after handling.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Hazy Brown Spray	EVAPORATION RATE: < 1
ODOR: Acetate odor	SPECIFIC GRAVITY (H ₂ O=1): 0.825
ODOR THRESHOLD: N/D	pH: N/A
BOILING POINT: >180°F	SOLIDS (%): N/D
FREEZING POINT: N/D	SOLUBILITY IN WATER: 0.00%
FLAMMABILITY: Extremely Flammable Aerosol	PARTITION COEFFICIENT: n-OCTANOL/WATER
FLASH POINT: N/D	(KOW): N/D
AUTOIGNITION TEMPERATURE: N/D	VOLATILITY INCLUDING WATER (%): 87%
LOWER FLAMMABILITY LIMIT: N/D	VOLATILE ORGANIC COMPOUNDS (VOC): 20%
UPPER FLAMMABILITY LIMIT: N/D	DIELECTRIC STRENGTH (Volts): N/D
VAPOR PRESSURE (mm Hg): 30 @ 77°C	DECOMPOSITION TEMPERATURE: N/D
VAPOR DENSITY (AIR=1): > 2	VISCOSITY: N/D

SECTION 10 – STABILITY AND REACTIVITY

REACTIVITY: If exposed to strong oxidizers, presents explosion hazard.

CHEMICAL STABILITY: Stable.

CONDITIONS TO AVOID: Temperatures greater than 122°F and sources of ignition.

INCOMPATIBILITY: Strong oxidizing agents, strong reducing agents, some plastics.

HAZARDOUS DECOMPOSITION OR BY-PRODUCT: None known.

POSSIBLE HAZARDOUS REACTIONS: None known.

SECTION 11 – TOXICOLOGICAL INFORMATION**TOXICOLOGICAL INFORMATION:**

Isoparaffinic Hydrocarbon (64742-47-8) - LD50 (Oral, Rat) 5 g/kg; LD50 (Dermal, Rabbit) 2 g/kg; LC50 (Rat, 4hr) 5 mg/L

Propane/n-Butane (68476-86-8) - LC50 (Inhalation, Rat, 4hr) 685 mg/m³ Ethyl Acetate (141-78-6) LD50 (Oral, Rat) 5620 mg/kg; LD50 (Oral, Rabbit) 4935 mg/kg; LC50 (Rat, 6hrs) 16,000 ppm.

ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin.

EYES: Causes irritation, redness, tearing.

INGESTION: May cause gastrointestinal irritation, nausea, diarrhea, vomiting, aspiration hazard.

INHALATION: Causes dizziness, excessive or prolonged exposure may cause unconsciousness. Acute exposure may cause nausea, vomiting, coughing and pulmonary irritation.

SKIN: May cause irritation, localized defatting, dermatitis, with prolonged or repeated contact.

MEDICAL CONDITION AGGRAVATED: Excessive exposure will aggravate pre-existing skin disorders, respiratory, liver, kidney, cardiovascular or pulmonary illnesses.

ACUTE HEALTH HAZARDS: Eye: stinging, tearing, redness.
Oral: Aspiration risk.

CHRONIC HEALTH HAZARDS: None known.

CARCINOGENICITY: OSHA: No ACGIH: No NTP: No IARC: No OTHER: N/A.

SECTION 12 – ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:

Isoparaffinic Hydrocarbon (64742-47-8) - Not expected to be harmful or demonstrate chronic toxicity toward aquatic organisms. Expected to be readily biodegradable. Do not contaminate water when disposing of equipment wash water.

BIODEGRADABILITY: Component or components of this product are not biodegradable.

BIOACCUMULATION: This product is not expected to bioaccumulate.

SOIL MOBILITY: This product is mobile in soil.

OTHER ECOLOGICAL HAZARDS: This material is toxic to aquatic life.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of in accordance with federal, state, and local regulations.

RCRA STATUS: Liquid could be classified as D001 under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION 14 - TRANSPORT INFORMATION

DOT PROPER SHIPPING NAME: Aerosols, Ltd. Qty.

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN1950

PACKAGING GROUP: N/A

AIR SHIPMENT

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN1950

SHIPPING BY WATER: VESSEL (IMO/IMDG)

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN1950

ENVIRONMENTAL HAZARDS WATER: Marine Pollutant.

SECTION 15 - REGULATORY INFORMATION

TSCA STATUS: All Chemicals are listed or exempt.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): None.

311/312 HAZARD CATEGORIES: Fire Hazard.

SARA 313 REPORTABLE INGREDIENTS: None.

STATE REGULATIONS: This product contains no known chemicals regulated by California's Proposition 65.

INTERNATIONAL REGULATIONS: All components are listed or exempted.

NFPA HEALTH:	1	HMIS HEALTH:	1
NFPA FLAMMABILITY:	2	HMIS FLAMMABILITY:	2
NFPA REACTIVITY:	0	HMIS REACTIVITY:	0
NFPA OTHER:	None	HMIS PROTECTION:	A

SECTION 16 - OTHER INFORMATION

DATE PREPARED: 01/06/2014

REVISION DATE: 11/24/2014

N/A = Not Applicable; N/D = Not Determined.

Prepared by: Regulatory Affairs.

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