



Material Safety Data Sheet

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: SUPER PENETRANT
Product Code: 9590, 9450, 9941, 9595, 92729

Manufacturer Name: Tifco Industries
Manufacturer Address P.O. Box 40277
Houston, TX. 77240
Phone Number: (281) 571-6000
MSDS Date: 01/22/2001

EMERGENCY TELEPHONE NUMBER(S):

CHEM-TEL, INC. (800) 255-3924 24-Hour Emergency Response

SECTION 2: COMPOSITION, INFORMATION ON INGREDIENTS

<u>Chemical Name:</u>	<u>CAS Number:</u>	<u>OSHA PEL:</u>	<u>ACGIH TLV:</u>	<u>V.O.C. %:</u>
PETROLEUM DISTILLATES	64742-96-7	500 PPM	100MG/M3	
HYDROTREATED LT. NAPHTHENIC	64742-53-6	5 MG/M3	10 MG/M3	
HYDROTREATED HEAVY NAPHTHENIC	64742-52-5	5 MG/M3	10 MG/M3	
PROPANE	74-98-6	1000 PPM	1000 PPM	
ISOBUTANE	75-28-5	NOT EST.	800 PPM	

SECTION 3: HAZARD IDENTIFICATION

POTENTIAL HEALTH EFFECTS: NONE EXPECTED

SYMPTOMS OF OVEREXPOSURE:

EYES: MAY CAUSE IRRITATION, REDNES, OR WATERING

SKIN: MAY CAUSE IRRITATION TO PERSON WITH SENSITIVE CONDITION.

SWALLOWING: MAY CAUSE NAUSEA, VOMITING, STOMACH DISCOMFORT

INHALATION: OVER EXPOSURE MAY CAUSE UPPER RESPIRATORY DISCOMFORT.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: SKIN SENSITIVITY, CHEMICAL ALLERGIES

CANCER INFORMATION:

IARC: NOT LISTED

NTP: NOT LISTED

ACGIH: NOT LISTED

OSHA: NOT LISTED

TARGET ORGANS: NOT LISTED

PRIMARY ROUTE(S) OF ENTRY: INGESTION, INHALATION, SKIN CONTACT, EYE CONTACT

CHRONIC INFORMATION: N/A

SECTION 4: FIRST AID MEASURES

EYES: FLUSH WITH WATER FOR 15 MINUTES. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION

INGESTION: DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION

INHALATION: REMOVE TO FRESH AIR

SKIN: WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION

NOTE TO PHYSICIANS:

SECTION 5: FIRE FIGHTING MEASURES

FLAMMABLE PROJECTION: LESS THAN 18"

FLASH POINT: NOT EST.

FLAMMABILITY CLASS (OSHA):

EXPLOSIVE LIMIT (%): NOT EST.

FIRE AND EXPLOSION HAZARDS: EXPOSURE TO TEMPERATURE ABOVE 120F MAY CAUSE
BURSTING

EXTINGUISHING MEDIA: CO2, STANDARD FOAM, DRY CHEMICAL, HALON

FIRE FIGHTING INSTRUCTIONS: WEAR SELF-CONTAINED BREATHING APPARATUS

HAZARDOUS PRODUCTS OF COMBUSTION: MAY FORM CARBON DIOXIDE, CARBON MONOXIDE

AUTO IGNITION TEMP: NO DATA

NFPA RATING: 2

FLAMMABILITY: 2

REACTIVITY: 0

HMIS RATING: 2

FLAMMABILITY: 2

REACTIVITY: 0

SECTION 6: ACCIDENTAL RELEASE MEASURES

LARGE SPILL: EVACUATE AREA. REMOVE ALL SOURCES OF IGNITION. CONTAIN LIQUID. PREVENT RUN-OFF TO SEWER.

SMALL SPILL: ABSORB LIQUID ON VERMICULITE, FLOOR OR OTHER ABSORBANT MATERIAL.

SECTION 7: HANDLING AND STORAGE

NFPA 30 B STORAGE LEVEL NUMBER: 1

KEEP OUT OF REACH OF CHILDREN.

DO NOT STORE WHERE TEMPERATURES EXCEED 120 DEGREES FAHRENHEIT

WASH HANDS BEFORE EATING OR SMOKING AFTER USING AEROSOL.

SECTION 8: SPECIAL PROTECTION INFORMATION:

EYE PROTECTION: SAFETY GOGGLES. FOR SHORT USAGE NONE REQUIRED.

SKIN PROTECTION: RUBBER GLOVES. FOR SHORT USAGE NONE REQUIRED.

RESPIRATORY PROTECTION: NOT REQUIRED

ENGINEERING CONTROLS: PROVIDE GENERAL AND / OR LOCAL VENTILATION

VENTILATION:

EXPOSURE GUIDELINES: GENERAL VENTILATION RECOMMENDED TO CONTROL THE LEVEL
OF VAPORS. SEE SECTION 2 FOR TLV'S

OTHER / GENERAL PROTECTION:

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: NOT ESTABLISHED

PH: N/A

SPECIFIC GRAVITY: 0.893

SOLUBILITY IN WATER: NOT SOLUBLE

VAPOR PRESSURE: 40

APPEARANCE: STRAW COLOR

VAPOR DENSITY: > 1
ODOR: PETROLEUM COLOR
EVAPORATION RATE: < 1

SECTION 10: STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION: PRODUCT WILL NOT UNDERGO HAZARDOUS POLYMERIZATION
HAZARDOUS DECOMPOSITION PRODUCTS: CARBON DIOXIDE AND CARBON MONOXIDE
CHEMICAL STABILITY: STABLE
INCOMPATIBILITY: AVOID CONTACT WITH STRONG OXIDIZING AGENTS, HEAT ABOVE
120 DEGREES FAHRENHEIT

SECTION 11: TOXICOLOGICAL INFORMATION

SEE SECTION 3

SECTION 12: ECOLOGICAL INFORMATION

NO DATA

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE MANAGEMENT INFORMATION: DISPOSE OF SPILLED MATERIAL IN ACCORDANCE WITH ALL
APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS. WRAP EMPTY CONTAINER IN
PAPER AND PLACE IN TRASH.

SECTION 14: TRANSPORTATION INFORMATION

U.S. DOT DESCRIPTION: CONSUMER CMMDITY
U.S. DOT HAZARD CLASS: ORM-D
CONTAINER / MODE: 20 oz AEROSOL CAN, DOT
U.N. IDENTIFICATION NUMBER: 1950

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS-
(TOXIC SUBSTANCES CONTROL ACT) STATUS: ALL INGREDIENTS ARE LISTED
CERLA R.Q.-40 CFR 302.4: NOT APPLICABLE TO AEROSOL QUANTITIES
SARA 313 INGREDIENTS PERCENT:

STATE AND LOCAL REGULATIONS: CALIFORNIA PROPOSITION 65.
NO PROPOSITION 65 INGREDIENTS

SECTION 16: OTHER INFORMATION

Key: 0 = Minimal Hazard 1 = Slight Hazard 2 = Moderate Hazard 3 = Serious Hazard 4 = Severe Hazard

The information contained herein is based on the data available to use and is believed to be correct. However, Tifco Industries makes no warranty, expressed, or implied, regarding the accuracy of this data or the results to be obtained from the use thereof. Tifco Industries assumes no responsibility for injury from the use of the product described herein.

Components are listed in Section 2 if they present a physical or health hazard and are present at one or above 1% in the mixture. If NTP, OSHA or IARC identifies a component, as a CARCINOGEN as of the date on the MSDS, it will be listed in Section 3 when present at or above 0.1% in the product. Negative conclusions concerning Carcinogenicity are not reported. Other components may be listed if desired appropriate. Additional health information may be found in Section 3.

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