

Material Safety Data Sheet
May be used to comply with
OSHA's Hazard Communication Standard.
29 CFR 1910.1200. Standard must be consulted
for specific requirements.

U.S. Department of Labor
Occupational Safety & Health Administration
(Non-Mandatory Form) Form Approved
OMB No. 1218-0072

IDENTITY (As Used on Label and List)

TRIZOL PENETRATING SOLVENT

SECTION I

Manufacturer's Name: CASTOLEUM CORPORATION
Address: P.O. BOX 41 - CENTUCK STATION
YONKERS, NY 10710
Emergency Telephone Number: 800-424-9300 (Chemtrec)
Telephone Number for Information: 914-664-5877
Date Prepared: JANUARY 1, 2003

SECTION II - HAZARDOUS INGREDIENTS/IDENTIFY INFORMATION

Hazardous Components (Specific Chemical Identity; Common Name(s)):	OSHA PEL	ACGIH TLV	% OPTIONAL
PETROLEUM DISTILLATE	64742-47-8		
RUST INHIBITOR	61790-48-5		
DEGUMMED CASTOR OIL	141242		
CARBON DIOXIDE (AEROSOL ONLY)	124-38-9		

HMIS RATING AS FOLLOWS:

HEALTH:	1
FLAMMABILITY:	2
REACTIVITY:	0
REACTIVITY:	0

SECTION III- PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT:	365 F	
VAPOR PRESSURE (mm Hg):	N/A	
VAPOR DENSITY (AIR=1):	HEAVIER THAN AIR	
SPECIFIC GRAVITY (H2O=1):	1.214	
MELTING POINT:	N/A	
EVAPORATION RATE (Butyl Acetate=1):	SLOWER THAN XYLENE	5.3
SOLUBILITY IN WATER:	NEGLIGIBLE	
APPEARANCE AND ODOR:	MILD ODOR - LIGHT YELLOW/BROWN LIQUID	

SECTION IV:- FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used)	COC 164 F
FLAMMABLE LIMITS:	N/A
LEL:	N/A
UEL:	N/A

EXTINGUISHING MEDIA: FOAM, DRY CHEMICAL, CO2 OR WATER FOG OR SPRAY
SPECIAL FIRE FIGHTING PROCEDURE: USE SUPPLIED AIR BREATHING FOR ENCLOSED AREAS. COOL EXPOSED CONTAINERS WITH WATER SPRAY. MINIMIZE BREATHING VAPOR OR FUMES.
UNUSUAL FIRE & EXPLOSION HAZARDS: DO NOT MIX OR STORE WITH STRONG OXIDANTS SUCH AS LIQUID CHLORINE OR CONCENTRATED OXYGEN.

SECTION V:- REACTIVITY DATA

STABILITY:	STABLE
CONDITIONS TO AVOID:	NONE ESTABLISHED
INCOMPATIBILITY (Materials to Avoid): STRONG OXIDANTS LIKE, LIQUID CHLORINE, CONCENTRATED OXYGEN	
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: FUMES, SMOKE, CARBON MONOXIDE, & SULFUR OXIDE IN THE CASE OF INCOMPLETE COMBUSTION.	
HAZARDOUS POLYMERIZATION:	WILL NOT OCCUR

SECTION VI:- HEALTH HAZARDS DATA (TPS)

ROUTE(S) OF ENTRY

INHALATION: NO
SKIN: NO
INGESTION: UNLIKELY IN APPLICATION

HEALTH HAZARDS (Acute and Chronic): NONE ESTABLISHED

CARCINOGENICITY: NO
NTP? NO
IARC MONOGRAPHS? NO
OSHA REGULATED? NO

SIGNS AND SYMPTOMS OF EXPOSURE: PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE MILD SKIN IRRITATION.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N/A

EMERGENCY & FIRST AID PROCEDURES: IN CASE OF SKIN CONTACT WASH THOROUGHLY WITH SOAP AND WARM WATER . EYES FLUSH WITH CLEAR WATER FOR 15 MINUTES OR UNTIL IRRITATION STOPS.

SECTION VII: - PROCEDURES FOR SAFE HANDLING & USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
• RECOVER FREE LIQUID, ADD ABSORBENT (SAND , EARTH, SAWDUST, ETC.) TO SPILLED AREA.

WASTE DISPOSAL METHOD:
• ASSURE CONFORMITY WITH APPLICABLE REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:
• KEEP CONTAINERS CLOSED WHEN NOT IN USE. DO NOT HANDLE OR STORE NEAR HEAT, SPARKS OR FLAME. KEEP AWAY FROM PETS & CHILDREN.

OTHER PRECAUTIONS:
• AVOID PROLONGED OR REPEATED CONTACT WITH SKIN.

SECTION VIII : CONTROL MEASURES:

RESPIRATORY PROTECTION (specific Type)
• NONE REQUIRED

VENTILATION:

LOCAL EXHAUST: N/A
SPECIAL: N/A
MECHANICAL(General) N/A
OTHER N/A
PROTECTIVE GLOVES: N/A
EYE PROTECTION: N/A

OTHER PROTECTIVE CLOTHING OR EQUIP.: NONE REQUIRED

WORLD/HYGIENIC PRACTICES: WASH HANDS & EXPOSED SKIN AFTER CONTACT, LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.