



MATERIAL SAFETY DATA SHEET

UPS F. 1270
Penetrating Oil

Manufactures by : WESTERS INDUSTRIES, PT
Jl. Industri Selatan 10 Blok EE No. 11B Jababeka
industrial District **Cikarang – Indonesia**
Emergency call : [6221-89841382](tel:6221-89841382)
Website : www.westers-ind.com
Email : info@westers-ind.com

Page 1 of 3

SECTION I – PRODUCT IDENTIFICATION

PRODUCT NAME : **UPS F 1270**
CHEMICAL NAME : **PENETRATING OIL**
FORMULA : Mixture
SYNONIMS : NA
Manufacture : **WESTERS INDUSTRIES, PT**
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SECTION II – PHYSICAL DATA

BOILING POINT	380°F (initial)	SPECIFIC GRAVITY	0.78 – 0.915
VAPOR PRESSURE	NA	pH	NA
VAPOR DENSITY	> air	SOLUBILITY IN WATER	Negligible in water, dissolves in most organic solvents.
FREEZING POINT	ND	APPEREANCE & ODOR	Amber liquid, pleasant odor
% VOLATILE	72	EVAPORATION RATE (toluene=1)	Slow

SECTION III – HAZARDOUS DATA

COMPONENT (S) CHEMICAL NAME	CAS REGISTRY NO	ACGIH-TLV (ppm)	OSHA PEL (ppm)	OTHER LIMITS	% APPROX
Petroleum Distillate	792-04-01	400	500	-	40- 50
Inhibited Paraffin Oil	774-18-01	5 ppb	5 ppb	-	20- 30
Propane	860-16-01	1000	1000	-	20- 30



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Page 2 of 3

SECTION IV – FIRE AND EXPLOSION DATA

Flash Point : >20 °F

Method : TCC

LEL : - UEL : -

Flammable Limits : ND

Extinguishing Media : Foam, dry chemical

Unusual Hazards : Aerosol containers may explode when heated above 120°F.

SECTION V – REACTIVITY AND STABILITY

STABILITY : Stable

MATERIAL TO AVOID : Strong oxidizers agents.

HAZARDOUS DECOMPOSITION PRODUCTS : Carbon monoxide (fire) and CO₂

SECTION VI – PROTECTION INFORMATION

VENTILATION : Adequate to maintain oil mist below PEL when sprayed.

RESPIRATORY : NIOSH approved respirator for high mist concentration.

GLOVES : Solvent Resistance

EYE & FACE : Safety Glasses

OTHER PROTECTIVE EQUIPMENT : Not normally required with aerosol usage.

SECTION VII – HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY : Skin, Inhalation

SIGNS AND SYMPTOMS OF EXPOSURE

1. Acute Overexposure :

May cause burning / irritation of eyes. Skin contact will cause dryness. Inhalation of mist may cause breathing problems.

Vapors may also cause headache, nausea, dizziness.

2. Chronic overexposure :

Prolonged exposure to skin may cause development of dermatitis.

Medical Condition Generally Aggravated by exposure : NA.



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Page 3 of 3

Emergency and first aid procedures : (If symptoms persist, call a physician)

1. Inhalation : Remove to fresh air. Apply artificial respiration if necessary.
2. Eyes : Flush with large amounts of water for 15 minutes.
3. Skin : Remove contained clothing. Wash exposed area with soap and water.
4. Ingestion : Do not induce vomiting.

SECTION VIII – SPILL OR LEAK PROCEDURES

Precaution to be taken in handling and storage : Store in a cool, dry area.

Steps to be taken in case material is released or spilled :

Ventilate area, absorb liquid with inert material and place in an closed container.

Waste Disposal : All used and unused product should be disposed of in conformance with local, state and federal regulations.

SECTION IX – SPECIAL PRECAUTIONS AND USE DIRECTIONS

Additives are primarily fatty acids and fatty acid esters.

Aerosol cans may explode if heated above 120°F.

Vapors are heavier than air and will collect in low areas.

OSHA short term exposure limits (STEL) for oil is 10 mg/m³

SECTION X – NFPA HAZARD RATINGS

Health : 1 Flammability : 2 Reactivity : 0