

Material Safety Data Sheet

Effective Date: 23-JAN-2000
Product: PENETRATOR PLUS

I. IDENTIFICATION

Chemical Name: OIL SURFACTANT
Chemical Family: NONIONIC SURFACTANT
Formula: NOT APPLICABLE, FORMULATED MIXTURE
Synonyms: NONE
CAS Number: NOT APPLICABLE, FORMULATED MIXTURE.
EPA Number: CAL. REG. NO. 5905-50074-AA

II. PHYSICAL DATA

Boiling Point: >600 DEGREES F.
Freezing Point: <35 DEGREES F.
Spec Gravity: 0.875 GMS/CC
Vapor Pressure: 0.08 MM HG
Vapor Density: 8+
Solubility: DISPERSIBLE
Volatiles: <2%
Evaporation: NOT ESTABLISHED
Melting Point: NOT ESTABLISHED
Appearance: CLEAR GREEN LIQUID, SLIGHT ODOR.

III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
PROPRIETARY BLEND OF PARAFFIN OIL, POLYOL FATTY ACID ESTERS AND POLYETHOXYLATES, ETHOXYLATED ALKYL ARYL PHOSPHATE ESTERS		100.00	5 MG/M3	SKIN & EYE IRRITANT

IV. FIRE AND EXPLOSION HAZARD

Flash Point: >200 DEGREES F.
Autoignition Temp: NOT DETERMINED
Flammable Limit: NOT DETERMINED
Extinguishing Media: WATER SPRAY, FOAM, DRY CHEMICAL AND CARBON DIOXIDE.
Special Fire Fight Proc: WEAR SELF-CONTAINED BREATHING APPARATUS AND AVOID BREATHING FUMES.
Fire and Expl Hazard: NONE CURRENTLY KNOWN.

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V. HEALTH HAZARD

Carcinogen Information: NONE CURRENTLY KNOWN.

ACUTE EFFECTS OF OVER EXPOSURE

Swallowing: LOW TOXICITY - POSSIBLE IRRITATION TO THROAT
AND VOMITING.
Skin Absorption: NONE CURRENTLY KNOWN.
Inhalation: NONE CURRENTLY KNOWN.
Skin contact: MAY CAUSE IRRITATION AFTER REPEATED EXPOSURE.
Eye Contact: MAY RESULT IN BURNS AND IRRITATION TO EYES.
Chronic Effects: NONE CURRENTLY KNOWN.
Other Hazard: NONE CURRENTLY KNOWN.

EMERGENCY AND FIRST AID PROCEDURES

Swallowing: DILUTE BY GIVING LARGE AMOUNTS OF WATER. DO NOT
INDUCE VOMITING. CONSULT A PHYSICIAN.
Skin: WASH SKIN THOROUGHLY WITH SOAP AND WATER. IF
IRRITATION DEVELOPS, CONSULT A PHYSICIAN.
Inhalation: MOVE TO FRESH AIR IF IRRITATION IS NOTED.
CONSULT A PHYSICIAN IF IRRITATION PERSISTS.
Eyes: FLUSH EYES WITH WATER FOR 15 MINUTES, HOLDING
EYELIDS OPEN. IF IRRITATION DEVELOPS, CONSULT A
PHYSICIAN.
Notes to Physician: IN THE EVENT OF AN ADVERSE RESPONSE, TREATMENT
SHOULD BE DIRECTED TOWARD CONTROL OF THE
SYMPTOMS.

VI. REACTIVITY

Stability: Stable
Conditions to Avoid: NONE CURRENTLY KNOWN.
Polymerization: Will Not Occur
Conditions to Avoid: NONE CURRENTLY KNOWN.
Incompatibility material: ALKALIS. DO NOT ALLOW CONTACT WITH OXIDIZERS.
Hazardous Combustion: MAY PRODUCE OXIDES OF CARBON UNDER FIRE
CONDITIONS.

VII. SPILL OR LEAK PROCEDURES

Spill or Leak Proc: DIKE AND ABSORB SPILL WITH AN ABSORBENT SUCH AS
CLAY, SAND, OR SAWDUST. TRANSFER TO SUITABLE
CONTAINERS FOR PROPER DISPOSAL. FLUSH SPILL
AREA WITH WATER, ABSORB, AND PLACE IN SAME

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XI. GENERAL PRODUCT INFORMATION

National Fire Protection Association Rating:
(Rating level: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum)

Health: 1 Fire: 2 Reactivity: 0

S.A.R.A. Title III Hazard Classification: (Yes/No)

Immediate (Acute) Health: Y Delayed (Chronic) Health: N
Sudden Release of pressure: N Fire: N
Reactive: N

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