

Material Safety Data Sheet

Effective Date: 23-JAN-2000
Product: SOL-OIL 97

I. IDENTIFICATION

Chemical Name: OIL SURFACTANT
Chemical Family: PARAFFINIC HYDROCARBONS
Formula: NOT APPLICABLE, FORMULATED MIXTURE.
Synonyms: NONE
CAS Number: 8012-95-1
EPA Number: 5905-294

II. PHYSICAL DATA

Boiling Point: 625 TO 830 DEG F.
Freezing Point: <0 DEGREES C.
Spec Gravity: .884 GMS/CC
Vapor Pressure: .0001 MM HG
Vapor Density: 10+
Solubility: DISPERSIBLE
Volatiles: <1%
Evaporation: 1000X
Melting Point: NOT APPLICABLE
Appearance: COLORLESS LIQUID, SLIGHT ODOR.

III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
PARAFFINIC OIL		97.20	5 MG/M3	MILD SKIN & EYE IRRITANT
INERT INGREDIENTS		2.80	NOT ESTABLISHED	NONHAZARDOUS

IV. FIRE AND EXPLOSION HAZARD

Flash Point: >200 DEGREES F.
Autoignition Temp: >650 DEGREES F.
Flammable Limit: NOT APPLICABLE
Extinguishing Media: WATER FOG, ALCOHOL FOAM, DRY CHEMICAL AND CARBON DIOXIDE EXTINGUISHING MEDIA.
Special Fire Fight Proc: WEAR POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING. AVOID GETTING WATER FROM FIRE FIGHTING INTO DOMESTIC OR IRRIGATION WATER SUPPLIES.
Fire and Expl Hazard: CONTAINERS MAY RUPTURE VIOLENTLY IF OVERHEATED. AFTER FIRE IS CONTROLLED, DO NOT

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HANDLE CONTAINERS UNTIL THEY HAVE RETURNED TO
AMBIENT TEMPERATURE.

V. HEALTH HAZARD

Carcinogen Information: NONE CURRENTLY KNOWN.

ACUTE EFFECTS OF OVER EXPOSURE

Swallowing: LOW TOXICITY, NO SYMPTOMS NOTED.
Skin Absorption: NONE CURRENTLY KNOWN.
Inhalation: MAY CAUSE IRRITATION OF NASAL PASSAGES AND
THROAT.
Skin contact: PROLONGED OR REPEATED EXPOSURE MAY LEAD TO
RASH OR SENSITIVITY DUE TO REMOVAL OF NATURAL
OILS AND FATS FROM SKIN.
Eye Contact: MAY CAUSE EYE IRRITATION, INCLUDING TEARING,
SMARTING, AND REDNESS.
Chronic Effects: SYMPTOMS OF EXPOSURE INCLUDE HEADACHE, NAUSEA,
WEAKNESS, AND CONFUSION.
Other Hazard: NONE CURRENTLY KNOWN.

EMERGENCY AND FIRST AID PROCEDURES

Swallowing: GIVE PLENTY OF WATER TO DRINK. DO NOT INDUCE
VOMITING. OBTAIN MEDICAL ATTENTION IMMEDIATELY.
Skin: WASH SKIN THOROUGHLY WITH SOAP AND WATER. IF
IRRITATION DEVELOPS, CONSULT A PHYSICIAN.
Inhalation: MOVE TO FRESH AIR. IF BREATHING BECOMES
DIFFICULT, CONSULT A PHYSICIAN.
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: DO NOT ALLOW CONTACT WITH OXIDIZING MATERIALS.
Hazardous Combustion: PRODUCT MAY PRODUCE CARBON DIOXIDE AND CARBON
MONOXIDE UNDER FIRE CONDITIONS.

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VII. SPILL OR LEAK PROCEDURES

Spill or Leak Proc: DIKE AND CONTAIN. IF UNCONTAMINATED, REUSE
PRODUCT. IF CONTAMINATED, ABSORB SPILL WITH
CLAY, SAND OR SAWDUST. PLACE IN A CHEMICAL
WASTE CONTAINER FOR PROPER DISPOSAL. SPILL AREA
WILL BE QUITE SLIPPERY.
Waste Disposal Method: THIS MATERIAL MUST BE DISPOSED OF ACCORDING TO
FEDERAL, STATE, OR LOCAL PROCEDURES UNDER THE
RESOURCE CONSERVATION AND RECOVERY ACT.

VIII. SPECIAL PROTECTION INFORMATION

Respiration: NONE NEEDED UNDER NORMAL CONDITIONS.
Ventilation: LOCAL EXHAUST SUFFICIENT.
Gloves: IMPERVIOUS
Eyes: SPLASH PROOF GOGGLES.
Other: EYE WASH STATION, IMPERVIOUS APRON AND
FOOTWEAR.

IX. SPECIAL PRECAUTIONS

Special precaution: KEEP OUT OF REACH OF CHILDREN. DO NOT STORE
WITH FOOD, FEED, OR OTHER MATERIAL TO BE USED
OR CONSUMED BY HUMANS OR ANIMALS. DO NOT
CONTAMINATE WATER SUPPLIES, LAKES, STREAMS, OR
PONDS.
Other precaution: HEALTH STUDIES HAVE SHOWN THAT MANY PETROLEUM
HYDROCARBONS AND SYNTHETIC LUBRICANTS POSE
POTENTIAL HUMAN HEALTH RISKS WHICH MAY VARY
FROM PERSON TO PERSON. AS A PRECAUTION,
EXPOSURE TO LIQUIDS, VAPORS, MISTS OR FUMES
SHOULD BE MINIMIZED.

X. SHIPPING INFORMATION

Shipping name: NOT REGULATED BY DOT, IATA (AIR), OR IMDG
(WATER).
Hazard Class: NONE
Identification No: NONE

Helena Chemical Company
PH: 901-761-0050
CHEMTREC: 800-424-9300

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Labels Required: NONE REQUIRED

Placarding: NONE REQUIRED

Freight Class: ADJUVANT, SPREADER OR STICKER, LIQUID, NOIBN

Chemical Name

Equivalent R.Q.

NOT APPLICABLE

NOT APPLICABLE

XI. GENERAL PRODUCT INFORMATION

National Fire Protection Association Rating:

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

Health: 1

Fire: 1

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: Y

Reactive: N

Mail inquiries to: 225 Schilling Blvd., Suite 300 Collierville, TN 38017
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