

Material Safety Data Sheet

Effective Date: 08-FEB-2000
Product: GROUNDED

I. IDENTIFICATION

Chemical Name: NONIONIC OIL CONCENTRATE
Chemical Family: OIL SURFACTANTS
Formula: NOT APPLICABLE, FORMULATED MIXTURE.
Synonyms: NONE
CAS Number: 64741-88-4; 64741-89-5
EPA Number: NONE REQUIRED

II. PHYSICAL DATA

Boiling Point: 625 TO 830 DEG F.
Freezing Point: <32 DEGREES F.
Spec Gravity: .882 GMS/CC
Vapor Pressure: .0001 MM HG
Vapor Density: 10+
Solubility: DISPERSIBLE
Volatiles: <1%
Evaporation: 1000X
Melting Point: >10 DEGREES F.
Appearance: CLEAR BLUE LIQUID, MINERAL OIL ODOR.

III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
PROPRIETARY BLEND OF SURFACTANTS AND ALIPHATIC HYDROCARBONS		100.00	5 MG/M3	MILD SKIN & EYE IRRITANT

IV. FIRE AND EXPLOSION HAZARD

Flash Point: >200 DEGREES F.
Autoignition Temp: 670 DEG F.(ESTIMATE)
Flammable Limit: NOT DETERMINED
Extinguishing Media: WATER FOG, FOAM, DRY CHEMICAL, AND CARBON
DIOXIDE.
Special Fire Fight Proc: WEAR A (POSITIVE PRESSURE) SELF-CONTAINED
BREATHING APPARATUS WHEN FIGHTING FIRES IN AN
ENCLOSED AREA.
Fire and Expl Hazard: CAN BE MADE TO BURN (FLASH POINT GREATER THAN
200 DEGREES F).

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V. HEALTH HAZARD

Carcinogen Information: NONE CURRENTLY KNOWN.

ACUTE EFFECTS OF OVER EXPOSURE

Swallowing: LOW TOXICITY, ORAL LD50 (RAT) >5,010 GM/KG.
PULMONARY ASPIRATIONHAZARD IF SWALLOWED AND/OR
VOMITING OCCURS, CAN ENTER LUNGS AND CAUSE
DAMAGE.
Skin Absorption: LOW TOXICITY, DERMAL LD50 (RABBIT) >2,020
GM/KG.
Inhalation: NO HAZARD EXPECTED.
Skin contact: MODERATE IRRITATION, REMOVES NATURAL OILS AND
FATS FROM SKIN WITH PROLONGED OR REPEATED
CONTACT.
Eye Contact: CONTACT WITH EYES MAY CAUSE MILD IRRITATION.
Chronic Effects: EXCESSIVE EXPOSURES MAY CAUSE IRRITATION TO
EYES, NOSE AND THROAT.
Other Hazard: NONE CURRENTLY KNOWN.

EMERGENCY AND FIRST AID PROCEDURES

Swallowing: DO NOT INDUCE VOMITING! DO NOT GIVE LIQUIDS!
OBTAIN EMERGENCY MEDICAL ATTENTION. SMALL
AMOUNTS WHICH ACIDENTALLY ENTER MOUTH SHOULD BE
RINSED OUT UNTIL TASTE IS GONE.
Skin: WASH CONTAMINATED AREA WITH SOAP AND WATER. IF
IRRITATION DEVELOPS, CONSULT A PHYSICIAN.
Inhalation: MOVE VICTIM TO FRESH AIR. CONSULT A PHYSICIAN
IF IRRITATION DEVELOPS.
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. PULMONARY ASPIRATION HAZARD IF
SWALLOWED AND/OR VOMITING OCCURS - CAN ENTER
LUNGS AND CAUSE DAMAGE.

VI. REACTIVITY

Stability: Stable
Conditions to Avoid: NONE CURRENTLY KNOWN
Polymerization: Will Not Occur
Conditions to Avoid: NONE CURRENTLY KNOWN.
Incompatibility material: ALKALIES AND STRONG OXIDIZERS.

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Hazardous Combustion: MAY PRODUCE OXIDES OF CARBON AND ASPHYXIANTS
UNDER FIRE CONDITIONS.

VII. SPILL OR LEAK PROCEDURES

Spill or Leak Proc: CLEAN UP SPILLS WITH AN OIL ABSORBENT MATERIAL,
SUCH AS CLAY, SAND, OR SAWDUST. SPILL AREA WILL
BE QUITE SLIPPERY. PLACE CONTAMINATED MATERIAL
IN RECOVERY/SALVAGE DRUMS FOR PROPER DISPOSAL.
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: USE ONLY NIOSH CERTIFIED RESPIRATORY
PROTECTION. RESPIRATORY PROTECTION NOT NEEDED
UNLESS PRODUCT IS HEATED OR MISTED.
Ventilation: VENTILATE AS NEEDED TO COMPLY WITH EXPOSURE
LIMIT.
Gloves: IMPERVIOUS
Eyes: CHEMICAL WORKERS 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. DO NOT STORE NEAR HEAT OR OPEN FLAMES.
DO NOT STORE WITH OXIDIZING AGENTS OR AMMONIUM
NITRATE FERTILIZER. KEEP CONTAINER CLOSED - DO
NOT ALLOW WATER TO BE INTRODUCED TO THE
CONTENTS OF THE CONTAINER.
Other precaution: A) RCRA HAZARDOUS WASTE NUMBER: NOT LISTED
B) SARA TITLE III, SECTION 313: NOT LISTED
C) SARA THRESHOLD PLANNING QUANTITY: NOT
LISTED
D) CERCLA REPORTABLE QUANTITY: NOT LISTED
E) CALIFORNIA PROPOSITION 65: NOT LISTED
F) TITLE III, CLEAN AIR ACT: NOT LISTED

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X. SHIPPING INFORMATION

Shipping name: NOT REGULATED BY DOT, IATA, OR IMO.
Hazard Class: NONE
Identification No: NONE
Labels Required: NONE
Placarding: NONE
Freight Class: ADJUVANT, SPREADER OR STICKER, LIQUID, NOIBN

Chemical Name Equivalent R.Q.

NOT APPLICABLE

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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: 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: N
Reactive: N

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