

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  
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Carcinogen Information: NONE CURRENTLY KNOWN.

ACUTE EFFECTS OF OVER EXPOSURE  
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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  
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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.

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VI. REACTIVITY  
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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.  
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VII. SPILL OR LEAK PROCEDURES  
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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.

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VIII. SPECIAL PROTECTION INFORMATION  
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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.

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IX. SPECIAL PRECAUTIONS  
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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

