

CRYSTAL ENVIRONMENTAL LUBRICANTS -- MIL-L-83767B TYPE 1 -- 9150-00-823-8024

=====  
Product Identification  
=====

Product ID:MIL-L-83767B TYPE 1

MSDS Date:09/01/1994

FSC:9150

NIIN:00-823-8024

Status Code:A

MSDS Number: CKVBK

=== Responsible Party ===

Company Name:CRYSTAL ENVIRONMENTAL LUBRICANTS

Address:708 NORTH MORRISON BLVD

City:HAMMOND

State:LA

ZIP:70404

Country:US

Info Phone Num:504-542-7224

Em

ergency Phone Num:504-542-7224

CAGE:UO044

=== Contractor Identification ===

Company Name:CRYSTAL ENVIRONMENTAL LUBRICANTS

Address:708 NORTH MORRISON BLVD

Box:City:HAMMOND

State:LA

ZIP:70404

Country:US

Phone:504-542-7224

CAGE:UO044

Company Name:SALATHE OIL CO INC

Address:2226 PETERS RD

Box:City:HARVEY

State:LA

ZIP:70058

Country:US

Phone:504-366-4542

Contract Num:SP0450-00-W-2011

CAGE:0T5C6

=====  
Composition/Information on Ingredients  
=====

Ingred Name:SEVERELY SOLVENT REFINED,

SOLVENT-DEWAXED HEAVY PARAFFINIC  
PETROLEUM DISTILLATES.

CAS:64742-65-0

RTECS #:PY8038500

= Wt:100.

Other REC Limits:TLV/PEL FOR OIL MIST

OSHA PEL:5 MG/M3 TWA MIST

ACGIH TLV:5 MG/M3 TWA MIST

ACGIH STEL:10 MG/M3 OIL MIST

=====  
===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: EYES: MAY CAUSE MINIMAL  
IRRITATION. SKIN: BRIEF CO

NTACT MAY CAUSE LIGHT IRRITATION.

PROLONGED CONTACT, AS WITH CLOTHING WETTING WITH MATERIAL MAY CAUSE  
MORE SEVERE IRRITATION. INHALATION: VAP OR OR MIST, IN EXCESS OF  
PERMISSIBLE CONCENTRATIONS, OR IN UNUSUALLY HIGH CONCENTRATION  
GENERATED FROM SPRAYING/HEATING THE MATERIAL OR AS FOR EXPOSURE IN  
POORLY VENTILATED AREAS OR CONFINED SPACES, M AY CAUSE IRRITATION  
OF THE NOSE AND THROAT. INGESTION: IF MORE THAN SEVERAL MOUTHFULS  
ARE SWALLOWED, ABDOMINAL DISCOMFORT, NAUS

EA & DIARRHEA MAY OCCUR.

CHRONIC: NONE NOTED.

Effects of Overexposure:EYES: TEMPORARY DISCOMFORT. SKIN: PROLONGED  
CONTACT,SUCH AS WITH CLOTHING WETTING WITH MATERIALMAY CAUSE  
SEVERE IRRITATION AND DISCOMFORT, SEEN AS LOCAL REDNESS AND  
SWELLING. INHALATION: MAY CAUSE IR RITATION OF THE NOSE AND  
THROAT, HEADACHE, NAUSES, AND DROWSINESS. INGESTION: IF MORE THAN  
SEVERAL, MOUTHFULS ARE SWALLOWED, ABDOMINAL DISCOMFORT, NAUSEA, AND  
DIARRHEA MAY OCCUR.

Medical Cond Aggravat

ed by Exposure:BECAUSE OF ITS IRRITATING

PROPERTIES, REPEATED SKIN CONTACT MAY AGGRAVTE AN EXISTING  
DERMATITIS (SKIN CONDITION).

=====  
===== First Aid Measures =====

First Aid:EYES: FLUSH WITH PLENTY OF WATER FOR SEVERAL MINUTES. GET  
MEDICAL ATTENTION IF EYE IRRITATION PERSISTS. SKIN: WASH WITH  
PLENTY OF SOAP AND WATER FOR SEVERAL MINUTES. GET MEDICAL ATTENTION  
IF SKIN IRRI TATION DEVELOPS OR PERSISTS. INGESTION: IF MORE THAN  
SEVERAL MOUT

HFUL OF THIS MATRIAL ARE SWALLOWED, GIVE TWO GLASSES OF WATER (16OZ). GET MEDICAL ATTENTION. INHALATION: IF IRRITATION, HEADACHE, NAUSE A, OR DROWSINESS OCCURS, REMOVE TO FRESH AIR. GET MEDICAL ATTENTION IF BREATHING BECOMES DIFFICULT OR RESPIRATORY IRRITATION PERSISTS.

===== Fire Fighting Measures =====

Flash Point Method:COC

Flash Point:>204.4C, 400.F

Lower Limits:NOT DETERMIN

Upper Limits:N/D

Extinguishing Media:USE WATER SPRAY, DRY CHEMICAL S, FOAM OR CARBON

DIOXIDE. USE WATER TO COOL FIRE EXPOSED CONTAINERS. WATER OF FOAM MAY CAUSE FROTHING.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR POSITIVE PRESSURE BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:NONE.

===== Accidental Release Measures =====

Spill Release Procedures:VENTILATE AREA. AVOID BREATHING VAPOR. WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT, INCLUDING APPROPRIATE RESPIRATORY PROTE

CTION. CONTAIN SPILL IF POSSIBLE. WIPE UP OR

ABSORB ON SUITABLE MATERIAL A ND SHOVEL UP. PREVENT ENTRY INTO SEWERS AND WATERWAYS. AVOID CONTACT WITH SKIN, EYES OR CLOTHING.

===== Handling and Storage =====

Handling and Storage Precautions:STORE AT ROOM TEMPERATURE. EXPOSURE TO HIGH TEMPERATURES SHOULD BE MINIMIZED. WATER CONTAMINATION SHOULD BE AVOIDED.

===== Exposure Controls/Personal Protection =====

Respiratory Protectio

n:AIRBORNE CONCETRATIONS SHOULD BE KEPT TO LOWEST

LEVELS POSSIBLE. IF VAPOR, MIST/ DUST IS GENERATED AND THE OCCUPATIONAL EXPOSURE LIMIT OF THE PRODUCT, OR ANY COMPONENT OF THE PRODUCT, IS EXCEEDED, USE APPROPRIATE NIOSH OR MSHA APPROVED AIR PURIFYING OR AIR SUPPLIED RESPIRATOR AFTER DETERMINING THE AIRBORNE CONCENTRATION OF THE CONTAMINANT.

Ventilation:ADEQUATE TO MEET OCCUPATIONAL EXPOSURE LIMITS.

Protective Gloves:NONE SPECIFIED BY MANUFACTURER. HMIS: WEAR NITRILE OF

PVA GLAOVES.

Eye Protection:SAFETY GALSSSE, CHEMICAL TYPE GOGGLES, OR FACHE SHIELD  
RECOMMENDED.

Work Hygienic Practices:WORKER SHOULD WASH EXPOSED SKIN SEVERAL TIMES  
DAILYL WITH SOAP AND WATER. SOILED WORK CLOTHING SHOULD BE  
LAUNDERED OR DRY-CLEANED.

Supplemental Safety and Health

===== Physical/Chemical Properties =====

HCC:V6

Boiling Pt:B.P. Text:ND

Melt/Freeze Pt:M.P/F.P Text:NA

Vapor Pres:N/D

Vapor Density:N/D

Spec Gravity:.868 (WATER=1)

Viscosity:27-

31 CST AT 40.0C

Solubility in Water:ND

Appearance and Odor:PALE LIQUID, OIL-TYPE ODOR.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS.

Hazardous Decomposition Products:PRODUCTS EVOLVED WHEN SUBJECTED TO  
HEAT OR COMBUSTION: TOXIC LEVELS OR CARBON MONOXIDE, CARBON  
DIOXIDE, IRRITATIING ALDEHYDES AND KETONES.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

===== Toxicological Information ====  
=====

Toxicological Information:MEDIUM LETHAL DOSE: ORAL RAT LD50 = 5  
GRAM/KG, PRACTICALLY NON-TOXIC. INHALATION: NOT DETERMINED. DERMAL:  
LD50 > 3 G/KG (RABBIT), PRACTICALLY NON-TOXIC. IRRITATION  
INDEX:ESTIMATION OF IRRITATION (SPEC IES). SKIN (DRAIZE) 0.79/8.0  
(RABBIT) SLIGHTLY IRRITATING. EYES: DRAIZE 5.70/110 (RABBIT) NO  
APPRECIABLE EFFECT. SENSITIZATION: NEGATIVE - SKIN (GUINEA PIG).

===== Ecological Information =====

Ecolog

ical:AQUATIC TOXICITY: NOT DETERMINED. MOBILITY: NOT DETERMINED.  
PERSISTENCE, BIODEGRADABILITY, POTENTIAL TO ACCUMULATE = NOT  
DETERMINED.

===== Disposal Considerations =====

Waste Disposal Methods:THIS PRODUCT HAS BEEN EVALUATED FOR RCRA  
CHARACTERISTICS AND DOES NOT MEET THE CRITERIA OF A HAZARDOUS WASTE  
IF DISCHARGED IN ITS PURCHASED FORM. UNDER RCA, IT IS THE  
RESPINSIBILTY OF THE USER OF THE P RODUCT TO DETERMINE AT THE TIME  
OF DISPOSAL,  
WHETHER THE PRODUCTS USES, MAY RENDER THE RESULTING  
MAT ERIAL HAZARDOUS.

===== MSDS Transport Information =====

Transport Information:NOT REGULATED.

===== Regulatory Information =====

SARA Title III Information:CERCLA SECTION 102(A) DOT HAZARDOUS  
SUBSTANCE: NONE SARA SECTION 302 (40CFR355.30): NONE SARA  
SECTION 304 (40CFR355.40): NONE SARA SECTION 313 (40CFR372.65):  
NONE

Federal Regulatory Information:TH  
IS PRODUCT IS LISTED ON THE TSCA  
INVENTORY.

State Regulatory Information:CALIFORNIA PROPOSITION 65 - THIS PRODUCT  
CONTAINS FOLLOWING CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO  
CAUSE CANCER, BIRTH DEFECTS AND OTHER REPRODUCTIVE HARM: NONE.  
STATE RIGHT TO KNOW REGULATIONS : NONE. INTERNATIONAL REGULATIONS:  
WHMIS CLASSIFICATION: NOT REGULATED. CANADA INVENTORY STATUS: ALL  
COMPONENTS ARE LISTED ON THE CANADIAN DSL, EUROPEAN EINECS,  
AUSTRALIAN ACIS, AND JAPAN MITI INVEN  
TO RY.

===== Other Information =====

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume respon

sibility for the suitability of this information to their particular situation.