

CARGILL INC -- RAW LINSEED OIL -- 8010-00-221-0611

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

Product ID:RAW LINSEED OIL
MSDS Date:06/23/1992
FSC:8010
NIIN:00-221-0611
MSDS Number: BZHVW
=== Responsible Party ===
Company Name:CARGILL INC
Address:15407 MCGINTY RD
Box:9300
City:MINNEAPOLIS
State:MN
ZIP:55440
Country:US
Info Phone Num:612-332-8203
Emergency Phone Num:612-332-8203
CAGE:96162
=== Contractor I
dentification ===
Company Name:CARGILL INC
Address:15407 MCGINTY RD
Box:9300
City:MINNEAPOLIS
State:MN
ZIP:55440
Country:US
Phone:612-332-8203
CAGE:96162

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

Ingred Name:ASTM RAW LINSEED OIL (NON HAZ.)
Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards A

cute and Chronic:ACUTE: BREATHING HIGH VAPOR
CONCENTRATIONS MAY PRODUCE NARCOSIS. LIQ MAY CAUSE MINOR SKIN IRRIT
& DEFINITE EYE IRRITATION.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. ARTIFICIAL RESPIRATION IF
NECESSARY. CALL DR. IMMEDIATELY. SKIN: WASH W/MILD SOAP & WATER.
EYES: FLUSH W/WATER 5 TO 10 MINUTES. IF IRRIT PERSISTS, GET
IMMEDIATE MEDICAL AID.

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

Flash Point:>250F,>121C

Lower Limits:NA

Upper Limits:NA

Extinguishing Media:FOAM, CO2 OR CHEMICAL FIREFIGHTING APPARATUS. WATER
SPRAY TO COOL CNTNRS PREVENTING PRESSURE BUILD-UP/AUTOIGNIT/EXPLSN.

Fire Fighting Procedures:USE SCBA. KEEP CONTAINERS TIGHTLY CLOSED.
ISOLATE FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS, OPEN FLAME. AVOID
SPREADING BURNING LIQ W/WATER USED FOR COOLING.

Unusual Fire/Explosion Hazard:USED CNTNRS MAY EXPLODE WHEN EXPOSED TO
EXTREME HEAT. RA

GS/WASTE PAPER W/THIS MAT'L MAY BURN SPONTANEOUSLY.
STORE USED WHIPPING RAGS IN METAL CANS W/TIGHT LIDS.

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

Spill Release Procedures:PROVIDE ADEQUATE VENTILATION. SOAK UP
W/DIATOMACEOUS SILICA & PICK UP W/SHOVEL. VAPOR HEAVIER THAN AIR,
MAY TRAVEL LONG DISTANCE TO SOURCE OF IGNIT/FLASHBACK.

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

Handling and Storage Precautions:PROTECT DRUMS AGAINST PHYSI
CAL DAMAGE.

OUTSIDE OR DETACHED STORAGE PREFERRED. BULK STORAGE SHOULD BE IN
STANDARD FLAMMABLE LIQ STORAGE TANKS.

Other Precautions:GROUND EQUIPMENT TO REDUCE ELECTRICAL SPARKING
HAZARD. DON'T TAKE INTERNALLY. AVOID PROLONGED CONTACT/INHALATION.
AVOID SPONTANEOUS COMBUSTION OF CONTAM RAGS/OTHER EASILY IGNITABLE
MAT'L BY IMMEDIATE IMMERSION IN WATER.

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

Respiratory Protection:NOT NORMALLY NEEDED. USE SCBA WHERE

VAPOR

CONCENTRATIONS MAY BE ABOVE TLV LIMITS.

Ventilation:LOCAL EXHAUST PREFERRED.

Protective Gloves:NEOPRENE, RUBBER

Eye Protection:SAFETY GOGGLES/GLASSES

Other Protective Equipment:EYEWASH & SAFETY SHOWER. TO PREVENT

REPEATED/PROLONGED SKIN CONTACT, WEAR IMPERVIOUS CLOTHING & BOOTS.

Supplemental Safety and Health

NK

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

Boiling Pt:B.P. Text:>300F,>149C

Spec Gravity:0.932

Evaporation Rate & Reference:NOT EST.

Solubi

lity in Water:NEGLIGIBLE

Appearance and Odor:AMBER LIQUID, MILD ODOR

Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:EXCESSIVE HEAT, SPARKS, OPEN FLAMES. HIGH

SURFACE AREA EXPOSURE TO O2 CAN RESULT IN POLYMERIZATION & RELEASE OF HEAT.

Hazardous Decomposition Products:DECOMP MAY YIELD CO2/CO.ALDEHYDES

(ACROLEIN) PRODUCED FROM ATMOSPHERIC

OXIDATION/THERMAL DEGREDATION

UNDER PRESSURE.

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

Waste Disposal Methods:INCINERATE UNDER SAFE CONDITIONS. DISPOSE IN ACCORDANCE W/FEDERAL, STATE, LOCAL REGULATIONS.

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