

MONSANTO CO -- OS-59;DIELECTRIC HEAT TRANSFER FLUID -- 9160-00-943-4691

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Product Identification
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Product ID:OS-59;DIELECTRIC HEAT TRANSFER FLUID

MSDS Date:04/18/1986

FSC:9160

NIIN:00-943-4691

MSDS Number: BFYMB

=== Responsible Party ===

Company Name:MONSANTO CO

Address:800 N LINDBERGH BLVD

City:ST LOUIS

State:MO

ZIP:63167

Country:US

Info Phone Num:314-694-1000

Emergency Phone Num:314-69

4-1000

CAGE:76541

=== Contractor Identification ===

Company Name:MONSANTO COMPANY

Address:800 N LINDBERGH BLVD

Box:City:SAINT LOUIS

State:MO

ZIP:63167

Country:US

Phone:314-694-6661 OR 800-332-3111

CAGE:76541

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Composition/Information on Ingredients
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Ingred Name:ORGANOSILICATE ESTER(TYPE UNK);(A PRODUCT OF SICL*4 &
ANHYDROUS ALCOHOL REACTION)

Fraction by Wt: 100%

Ingred Name:ADDITIVE-ANTIOXIDANT (PROPRIETARY COMPOSITION OF
ADDITIVES,PER MFR TELECON 5/1/85)

Fr

action by Wt: UNK

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

LD50 LC50 Mixture:LD50 (ORAL RAT) >15,800 MG/KG
Routes of Entry: Inhalation:UNKNOWN Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:PER MSDS LOW HEALTH HAZARDS;PRODUCT
MAY IRRITATE EYES OR SKIN.MAY CAUSE HEADACHE,VOMITING OR DIZZINESS
IF VAPORS OR MIST ARE INHALED.
Explanation of Carcinogenicity:DATA PER MSDS
Effects of Overexposure:NONE
NOTED BY MFR; HOWEVER,MAY CAUSE LT
HEADACHE,DIZZ IF INHALED VAPOR.
Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS
OR WITH A PRE-EXISTING DISEASE INVOLVING THE EYES, SKIN, OR
RESPIRATORY TRACT MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:INHALATION:REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING.
GET MEDICAL ATTENTION. EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER
FOR 15 MINUTES
HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION.
SKIN:REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF
IRRITATION PERSISTS, GET MEDICAL ADVICE. INGESTION:DO NOT INDUCE
VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE
MEDICAL ATTENTION.

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

Flash Point Method:COC
Flash Point:435F,224C
Autoignition Temp:Autoignition Temp Text:450F
Extinguishing Media:WATER SPRAY,FOAM,DRY CHEM,CO*2/OTHR SUITBLE
AGENTS
FOR CL B.
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A
FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED
CONTAINERS WITH WATER SPRAY. CONTAIN RUNOFF.
Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE
HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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

Spill Release Procedures:USE APPROPRIATE PROTECTIVE EQUIP DURING CLEAN
UP.ELIM IGN SOURCES.STOP LE

AK IF POSS;CONTAIN FLUID.USE VACUUM TO
PICKUP OR ABSORB ONTO CLAY OR SAWDUST;THIS MATL SHOULD NOT BE
DUMPED,SPILLED,RINSED,OR W ASHED INTO SEWERS OR PUBLIC WATERWAYS.
Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:DO NOT STORE IN OPEN
CONTAINERS.MOISTURE MAY DETERIORATE PRODUCT IF STORED IN OPEN
CONTAINERS;AVOID PHYSICAL DAMAGE TO CONTAINRS.AVOID SKIN CONTACT.
Other Precautions:DO NOT EXPOSE
TO MOISTURE AND HIGH TEMP ENVIRONMENTS
WHICH MAY DETERIORATE PROD.; WATER AT HIGH TEMP CAUSES
HYDROLYSIS;AVOID BREATHG VAP;WASH THOROUGHLY AFTER HANDLING.AVOID
FIRE/IGN CONDITION

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR AS REQUIRED
IF ABOVE PEL/TLV OR SCBA IN AN ENCLOSED AREA.
Ventilation:LOCAL/GENERAL TO MAINTAIN PEL/TLV.
Protective Gloves:NEOPRENE, NITRILE, OR NATURAL RUBBER
Eye Protection:S
AFETY GOGGLES WITH OPTIONAL FACE SHIELD
Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER,WORK
CLOTHING AND APRON AS REQUIRED.
Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND
RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR
FOOTWEAR.
Supplemental Safety and Health
AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO
NOT BREATHE VAPORS OR MISTS.

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

HCC
:N1
Boiling Pt:B.P. Text:>370C/>698F
Vapor Pres: