

HOME OIL CO -- MIL-A-8243D ANTI-ICING AND DEICING-DEFROSTING FLUID -- 6850-01-039-3842

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Product Identification
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Product ID:MIL-A-8243D ANTI-ICING AND DEICING-DEFROSTING FLUID

MSDS Date:01/22/1996

FSC:6850

NIIN:01-039-3842

MSDS Number: CCCDK

=== Responsible Party ===

Company Name:HOME OIL CO

Address:3511 N OHIO

Box:2609

City:WICHITA

State:KS

ZIP:67201

Country:US

Info Phone Num:316-838-46

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Emergency Phone Num:316-838-4663

CAGE:0A9L8

=== Contractor Identification ===

Company Name:HOC INDUSTRIES, INC

Address:3511 N. OHIO

Box:2609

City:WICHITA

State:KS

ZIP:67219

Country:US

Phone:316-838-4663

CAGE:0A9L8

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Composition/Information on Ingredients
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Ingred Name:ETHYLENE GLYCOL (SARA 313) (CERCLA)

CAS:107-21-1

RTECS #:KW2975000

Fraction by Wt: 67%

Other REC Limits:NONE SPECIFIED

ACGIH TLV:C STEL39PPM,A4,VAP96

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:WAT

ER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 10%
Other REC Limits:NONE SPECIFIED

Ingred Name:POTASSIUM PHOSPHATE; DIBASIC
CAS:7758-11-4
Fraction by Wt: 1%
Other REC Limits:NONE SPECIFIED

Ingred Name:DIOCTYL SODIUM SULFOSUCCINATE
CAS:577-11-7
RTECS #:WN0525000
Fraction by Wt: .5%
Other REC Limits:NONE SPECIFIED

Ingred Name:PROPYLENE GLYCOL
CAS:57-55-6
RTECS #:TY2000000
Fraction by Wt: 21%
Other REC Limits:NONE RECOMMENDED

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===== Hazards Identification =====
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LD50 LC50 Mixture:ORAL LD50 (RAT): 6000-13,000 MG/KG
Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:MAY CAUSE SLIGHT TRANSIENT EYE
IRRITATION. REPEATED SKIN EXPOSURE TO LARGE QUANTITIES MAY RESULT
IN ABSORPTION OF HARMFUL AMOUNTS. INGESTION OF CONSIDERABLE AMOUNTS
MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS, CARDIOPULMONARY EFFECTS
AND KIDNEY FAILURE. SMALL AMOUNTS NOT LIKELY TO CAUSE
INJURY.
INHALATION NOT LIKELY.
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT
CARCINOGENS.
Effects of Overexposure:IRRITATION, GIDDINESS, HEADACHE, DIZZINESS,
NAUSEA, JAUNDICE, ABDOMINAL PAIN, EYE IRRITATION.
Medical Cond Aggravated by Exposure:PREGNANT WOMEN SHOULD NOT BE
EXPOSED TO THIS PRODUCT.

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===== First Aid Measures =====
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First Aid:EYES: FL

WASH WITH WATER FOR 15 MINUTES. SEE DOCTOR IF IRRITATION PERSISTS. SKIN: WASH WITH MILD SOAP & WATER. REMOVE CONTAMINATED CLOTHING. INHALATION: REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NEEDED. SEE DOCTOR. INGESTION: INDUCE VOMITING IMMEDIATELY AS DIRECTED BY MEDICAL PERSONNEL. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. CONSULT MEDICAL PERSONNEL.

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

Flash Point Method:SCC

Flash Point:247F,119C

Lower

Limits:3.2

Upper Limits:NOT GIVEN

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL. DO NOT USE A DIRECT STREAM OF WATER.

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:DIETHYLENE GLYCOL OR SOLUTIONS OF DIETHYLENE GLYCOL AND WATER CAN FORM FLAMMABLE VAPORS WITH AIR IF HEATED SUFFICIENTLY. KEEP PEOPLE AWAY.

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

Spill Release Procedures:SOAK UP ON ABSORBENT MATERIAL. ENSURE COMPLIANCE WITH ALL APPLICABLE STATUTES THAT REQUIRE NOTIFICATION.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:PRODUCT ON SURFACES CAN CAUSE SLIPPERY CONDITIONS. PRACTICE REASONABLE CARE AND CLEANLINESS. AVOID BREATHING SPRAY MIST
S IF GENERATED.

Other Precautions:KEEP OUT OF REACH OF CHILDREN. PRODUCT MAY BECOME SOLID AT TEMPERATURES BELOW 8F. DO NOT STORE NEAR FOODSTUFFS, FOOD, DRUGS OR POTABLE WATER SUPPLIES.

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

Respiratory Protection:NIOSH APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE IF TLV IS EXCEEDED.

Ventilation:LOCAL EXHAUST AND MECHANICAL (GENERAL) VENTILATION AS REQUIRED TO MAINTAIN EXPOSURE LEVELS.

Protective Gloves:CHEMICAL

RESISTANT (NITRILE,PVC,ETC)

Eye Protection:GOGGLES/FACE SHIELD

Other Protective Equipment:CHEMICAL RESISTANT CLOTHING AS NECESSARY TO PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices:WASH CONTAMINATED CLOTHING BEFORE REUSE. WASH HANDS AND FACE AFTER USING.

Supplemental Safety and Health

NOTE TO PHYSICIAN: EARLY ADMINISTRATION OF ETHANOL MAY COUNTER THE TOXIC EFFECTS OF ETHYLENE GLYCOL -- METABOLIC ACIDOSIS AND REPAL DAMAGE.

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

HCC:N1

Boiling Pt:B.P. Text:387F,197C

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres:0.12

Vapor Density:2.14

Spec Gravity:1.103

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:COMPLETE

Appearance and Odor:COLORLESS LIQUID, SLIGHT ODOR

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

Stability Indicator/Materials to Avoid:YES

AVOID CONTACT WITH ACIDS AND BASES, OXIDIZING MATERIALS

Stability

Condition to Avoid:EXTREMELY HIGH TEMPERATURES. WILL IGNITE IN AIR AT 775F.

Hazardous Decomposition Products:HAZARDOUS DECOMPOSITION PRODUCTS DEPEND UPON TEMPERATURE, AIR SUPPLY AND THE PRESENCE OF OTHER MATERIALS.

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

Waste Disposal Methods:DISPOSE OFF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. KEEP OUT OF SURFACE WATER, SEWERS AND WATERWAYS.

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