

VALVOLINE OIL CO -- DICHLORODIFLUORO METHANE -- 6830-00-816-6533

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Product Identification
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Product ID: DICHLORODIFLUORO METHANE

MSDS Date: 08/21/1989

FSC: 6830

NIIN: 00-816-6533

MSDS Number: BKKJW

=== Responsible Party ===

Company Name: VALVOLINE OIL CO

Address: 200 E MAIN ST

Box: 1400

City: LEXINGTON

State: KY

ZIP: 40512

Country: US

Info Phone Num: 606-268-7000

Emergency Phone Num: 606-268-7000

CAGE

: 72527

=== Contractor Identification ===

Company Name: IG-LO PRODUCTS CORP (VALVOLINE)

Address: 40 EAST ROBINSON ST.

Box: 391

City: HERNANDO

State: MS

ZIP: 38632

Country: US

Phone: 601-429-4471

CAGE: TO282

Company Name: VALVOLINE OIL CO

Address: 3499 BLAZER PKY

Box: 14000

City: LEXINGTON

State: KY

ZIP: 40512

Country: US

Phone: 606-357-7206 / 800-274-5263

CAGE: 72527

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Composition/Information on Ingredients
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Ingred Name: DICHLORODIFLUOROMETHANE (SARA III)

CAS: 75-71-8

RTECS #: PA8200000

Fraction by Wt: 100%
Other REC Limits:NONE SPECIFIED
OSHA PEL:1000 PPM
ACGIH TLV:1000 PPM; 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS
Ozone Depleting Chemical:1

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:SKIN AND EYES: CONTACT WITH LIQUID CAN
CAUSE FROST BITE, INDICATED BY PALLOR OR REDNESS, LOSS OF SENSATION
AND SWE
LLING.INHALATION:ASPHYXIATION. THIS PRODUCT CAN CAUSE DEATH
OR SERIOUS INJURY IF NOT H ANDLED PROPERLY.
Explanation of Carcinogenicity:NONE OF THE CHEMICALS IN THIS PRODUCT IS
LISTED BT IARC, NTP OR OSHA AS A CARCINOGEN.
Effects of Overexposure:FROST BITE, PALLOR, REDNESS, NUMBNESS,
BREATHING DIFFICULTIES.
Medical Cond Aggravated by Exposure:NOT KNOWN.

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

First Aid:INHALATION:REMOVE TO FRESH AIR. IF BREATHING HAS STO
PPED GIVE
ARTFICIAL RESPIRATION AND PROVIDE OXYGEN. CALL PHYSICIAN. DO NOT
GIVE EPINEPHRINE. SKIN OR EYE CONTACT: IMMEDIATELY BATHE FROST BITE
AREA WITH LUKEWARM WATER. CALL A PHYSICIAN.

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

Flash Point:NONE
Extinguishing Media:NONFLAMMABLE. FOR SURROUNDING FIRE USE WATER FOG,
CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A
FULL FACED SELF CONTAIN
D BREATHING APPARATUS. EVACUATE AREA. COOL
FIRE EXPOSED CONTAINERS WITH WATER SPRAY.
Unusual Fire/Explosion Hazard:LIQUID AND GAS UNDER PRESSURE. HEAT OF
FIRE WILL PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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

Spill Release Procedures:EVACUATE PERSONNEL. VENTILATE THE AREA AND
ALLOW TO DISSIPATE.

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

Handling and Storage Precautions:HANDLE, TR

TRANSPORT & STORE

CAREFULLY/SECURELY TO AVOID ACCIDENTAL KNOCKING OVER/SEVERE PHYSICAL IMPACTS. DO NOT EXPOSE TO DIRECT HEAT OR OVERPRESSURIZE

Other Precautions:DO NOT PUNCTURE OR DROP CYLINDERS OR EXPOSE TO EXCESSIVE HEAT. USE AUTHORIZED CONTAINERS ONLY. CYLINDERS UNDER PRESSURE, HANDLE WITH GREAT CARE.

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

Respiratory Protection:NONE REQUIRED FOR NORMAL USE. FOR UNSUAL SITUATIONS, WEAR SUPPLIED-AIR RESPIRATOR OR SELF-CONTAINED NIOSH APPROVED BREATHING APPARATUS.

Ventilation:GENERAL

Protective Gloves:WEAR LEATHER GLOVES

Eye Protection:WEAR SAFETY GLASSES

Other Protective Equipment:SAFETY SHOES ARE RECOMMENDED WHEN HANDLING CYLINDERS.

Work Hygienic Practices:FOLLOW OSHA REGULATIONS FOR HANDLING CYLINDERS.

Supplemental Safety and Health

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

HCC:G3

Boiling Pt:B.P. Text:-22F,-30C

Melt/Freeze Pt:M.P/F.P Text:-252F,-158C

Vapor Pres:470

0 MMHG

Vapor Density:4.3

Spec Gravity:1.310@25C.LIQ

Evaporation Rate & Reference:>ETHER (GAS)

Solubility in Water:0.008

Appearance and Odor:COLORLESS LIQUIFIED GAS WITH FAINT ETHEREAL ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

POWDERED FORMS OF ALUMINUM, MAGNESIUM AND ZINC. ACTIVE METALS SUCH AS SODIUM, POTASSIUM AND CALCIUM.

Stability Condition to Avoid:HIGH HEAT, TEMPERATURES ABOVE

VE 550C,
LIGHTED CIGARETTES, HOT SPOTS, WELDING.
Hazardous Decomposition Products:HALOGENS, HALOGEN ACIDS, AND POSSIBLY
CARBONYL HALIDES, SUCH AS PHOSGENE.

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

Waste Disposal Methods:DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH LOCAL
AND FEDERAL REGULATIONS. OR RETURN TO SUPPLIER FOR RECLAMATION.

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