

IG-LO DE-ICER

MSDS Number

BWCFB

National Stock Number

6850-00-835-0484

Product Name

IG-LO DE-ICER

Manufacturer

VALVOLINE INC

Product Identification

Product ID:IG-LO DE-ICER

MSDS Date:11/20/1990

FSC:6850

NIIN:00-835-0484

MSDS Number: BWCFB

Responsible Party

VALVOLINE, INC.

LEXINGTON , KY 40512

Emergency Phone: (800) 274-5263

Info Phone: (800) 274-5263

Cage: FO819

Contractor

VALVOLINE, INC.

14000

LEXINGTON, KY 40512

US

(800) 274-5263

Cage: FO819

Ingredients

METHYL ALCOHOL (METHANOL) (SARA III)

CAS: 67-56-1

RTECS: PC1400000

Fraction By Weight: 55-70%

OSHA PELS,200PPM/250STEL

ACGIH TLV: S,200PPM/250STEL; 93

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

ETHYLENE GLYCOL (SARA III)

CAS: 107-21-1

RTECS: KW2975000

Fraction By Weight: 5-10%

OSHA PELC 50 PPM

ACGIH TLV: C 50 PPM,VAPOR; 9192

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

CARBON DIOXIDE

CAS: 124-38-9

RTECS: FF6400000

Fraction By Weight: 1-10%

OSHA PEL5000 PPM

ACGIH TLV: 5000PPM/30000STEL;94

Hazards

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

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

Health Hazards Acute and Chronic:SKIN: IRRITATION, DEFATTING, DERMATITIS & ABSORPTION. EYE: IRRITATION. INHALATION:

NASAL/RESPIRATORY IRRITATION & CNS EFFECTS. INGESTION:

GASTROINTESTINAL IRRITATION.

Explanation of Carcinogenicity:NOT CARCINOGENIC.

Effects of Overexposure:EYE: REDNESS, TEARING, BLURRED VISION.

INHALATION: DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, UNCONSCIOUSNESS, DEATH & BREATHING DIFFICULTY. INGESTION: VOMITING, DIARRHEA, BLINDNESS, & DEATH.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:EYES: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINS. SKIN: WASH THOROUGHLY W/SOAP & WATER. INHALATION: REMOVE TO FRESH AIR. GIVE CPR OR OXYGEN IF NEEDED. KEEP WARM & QUIET. INGESTION: DRINK 2 GLASSES O F WATER. INDUCE VOMITING BY EITHER GIVING IPECAC SYRUP OR BY PLACING FINGER AT BACK OF THROAT. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Fire Fighting

Flash Point Method:TCC

Flash Point:69.0F,20.6C

Lower Limits:3.2%

Extinguishing Media:ALCOHOL FOAM OR WATER FOG.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS W/A FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE DEMAND MODE.

Unusual Fire/Explosion Hazard:NEVER USE WELDING OR CUTTING TORCH ON OR NEAR DRUM (EVEN EMPTY) BECAUSE PRODUCT (EVEN JUST RESIDUE) CAN IGNITE EXPLOSIVELY. FLAMMABLE COMPRESSED GAS.

Accidental Release

Spill Release Procedures:ABSORB ON PAPER/VERMICULITE/FLOOR ABSORBENT MATERIAL & TRANSFER TO HOOD. ELIMINATE IGNITION SOURCES. EVACUATE AREA. STOP AT SOURCE. DIKE AREA TO AVOID SPREADING INTO STREAM/SEWER/BODY OF WATER. PUMP T O SALVAGE TANK OR SHOVEL INTO CONTAINER.

Handling

Handling and Storage Precautions:CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED, SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES (VAPOR, LIQUID, &/OR SOLID).

Other Precautions:NEVER USE WELDING OR CUTTING TORCH ON OR NEAR DRUM (EVEN EMPTY). AVOID CONTACT W/STRONG OXIDIZING AGENTS.

Exposure Controls

Respiratory Protection:NOT REQUIRED UNDER NORMAL CONDITIONS OF USE.

Ventilation:NOT REQUIRED UNDER NORMAL CONDITIONS OF USE.

Protective Gloves:NOT REQUIRED.
Eye Protection:NOT REQUIRED.
Other Protective Equipment:NOT REQUIRED UNDER NORMAL CONDITIONS OF USE.
Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE
REUSE. DISCARD SHOES.
Supplemental Safety and Health
NONE

Chemical Properties

HCC:V3
Boiling Pt:B.P. Text:147F,64C
Vapor Pres:97.68 MM
Vapor Density:>AIR
Spec Gravity:0.83-0.84
Evaporation Rate & Reference:SLOWER THAN ETHER
Appearance and Odor:CLEAR, LIQUID, HOMOGENOUS SOLUTION.
Percent Volatiles by Volume:85-100

Stability

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS
Stability Condition to Avoid:IGNITION SOURCES, FLARES, FLAMES, PILOT
LIGHTS, & ELECTRICAL SPARKS.
Hazardous Decomposition Products:MAY FORM TOXIC MATERIAL SUCH AS CO2 &
CO.

Disposal

Waste Disposal Methods:ALLOW VOLATILE PORTION TO EVAPORATE IN HOOD.
GIVE VAPORS TIME TO COMPLETELY CLEAR HOOD DUCT WORK. DESTROY BY
LIQUID INCINERATION. DEPOSIT CONTAMINATED ABSORBENT IN LANDFILL
ACCORDING W/LOCAL/ STATE/FEDERAL REGULATIONS. FLAMMABLE
COMPRESSED GAS.

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