

VALVOLINE OIL SUB OF ASHLAND O -- IG-LO STARTINF FLUID

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MSDS Safety Information
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FSC: 6850
NIIN: 00-823-7861
MSDS Date: 07/16/1993
MSDS Num: BTSQL
Product ID: IG-LO STARTINF FLUID
MFN: 01
Responsible Party
Cage: 72527
Name: VALVOLINE OIL CO SUB OF ASHLAND OIL, INC
Address: 200 E MAIN ST
Box: 14000
City: LEXINGTON KY 40512
Info Phone Number: 606-265-7000
Emergency Phone Number: 800-274-5263
Proprietary Ind: Y
Review Ind: Y
Published: Y

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Contractor Summary
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Cage: 72527
Name: VALVOLINE OIL CO
Address: 3499 BLAZER PKY
Box: 14000
City: LEXINGTON KY 40512
Phone: 606-357-7206 / 800-274-5263

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Item Description Information
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Item Manager: GSA
Item Name: FUEL,ENGINE PRIMER
Specification Number: O-F-1044
Type/Grade/Class: TYPE 2
Unit of Issue: DZ
UI Container Qty: B
Type of Container: CAN, AEROSOL

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Ingredients
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Name: *** PROPRIETARY ***

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Health Hazards Data
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LD50 LC50 Mixture: ORAL LD50 (RAT) IS UNKNOWN

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: NO

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: ACUTE:INHALATION MAY CAUSE NASAL & RESPIRATORY IRRITATION,CNS EFFECTS.CONTACT MAY IRRITATE EYES.SWALLOWING MAY CAUSE GI TRACT IRRITATION.ASPIRATION DURING BREATHING OR VOMITING MAY CAUSE CHEMICAL PNEU MONIA.CHRONIC:PROLONGED OR REPEATED EXPOSURE MAY CAUSE SKIN IRRITATION,DERM

ATITIS,DEFATTING OF SKIN;KIDNEY DAMAGE.

Explanation Of Carcinogenicity: NO INGREDIENT OF A CONCENTRATION OF 0.1% OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Signs And Symptoms Of Overexposure: INHALED: SHORTNESS OF BREATH, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, UNCONSCIOUSNESS, ASPHYXIATION. EYES: REDNESS, TEARING, BLURRED VISION. SKIN: REDNESS, DRY SKIN, DISCOMFORT. INGESTED: NAUS EA, VOMITING, DIARRHEA.

Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid: SKIN-WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHES. EYES-FLUSH WITH LOTS OF WATER, LIFT LIDS. GET MEDICAL ATTENTION. SWALLOWED-DO NOT INDUCE VOMITING! GET MEDCAL ATTENTION. INHALED-REMOVE TO FRESH AIR. IF BREATHING DIFFICULT, GIVE OXYGEN. IF BREATHING STOPPED, GIVE ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION.

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Handling and Disposal

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Spill Relea

se Procedures: ELIMINATE ALL SOURCES OF IGNITION. VENTIALTE AREA. ALLOW TO EVAPORATE.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: DISPSOE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. DO NOT VENT OR INCINERATE FOR DISPOSAL. DLA-: EPA/RCRA WASTE NUMBERS D001 (IGNITEABLE) & D003 (REACTIVE) MAY APPLY TO UNUSED/UNCONTAMINATED PRODUCT.

Handling And Storage Precautions: NONE SPECIFIED BY MANUFACTURER. DLA-: STORE IN A COOL, DRY PLACE BELOW 1

20F AND AWAY FROM SOURCES OF IGNITION &
INCOMPATIBLE MATERIALS.

Other Precautions: CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTY.
SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES (VAPOR, LIQUID AND/OR
SOLID), ALL PRECAUTIONS GIVEN IN THIS MSDS MUST BE OBSERVED.

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Fire and Explosion Hazard Information
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Flash Point Method: TCC

Flash Point Text: -58F,-50C

Lower Limits: 1

.0

Upper Limits: UNKNOWN

Extinguishing Media: REGULAR FOAM, CARBON DIOXIDE, DRY CHEMICAL

Fire Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS WITH A FULL
FACEPIECE OPERATED IN POSITIVE-PRESSURE DEMAND MODE WHEN FIGHTING FIRES.

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

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Control Measures
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Respiratory Protection: IF ENGINEERING CONTROLS FAIL OR EMERGENCY OCCURS; USE
NIOSH/MSHA APPROVED RESPIRATOR OR SELF-CONTAINED BREATHING APPARATUS, AS
REQUIRED. USE IAW RESPIRATOR MANUFACTURER'S RECOMMENDATIONS & 29 CFR 1910
.134.

Ventilation: PROVIDE SUFFICIENT GENERAL VENTILATION OR LOCAL EXHAUST TO
MAINTAIN EXPOSURE BELOW TLV/PEL.

Protective Gloves: NONE NORMALLY REQUIRED.

Eye Protection: NONE NORMALLY REQUIRED.

Other Protective Equipment: NONE NORMALLY REQUIRED.

Work Hyg

enic Practices: WASH HANDS AFTER SUE AND BEFORE EATING, DRINKING, OR
SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health: MSDS ENTERED BY DLA- UNDER PROJECT FOR GSA.

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Physical/Chemical Properties
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HCC: V3

B.P. Text: 94.0F,34.4C

M.P/F.P Text: UNKNOWN

Decomp Text: UNKNOWN

Vapor Pres: 439 MM HG

Vapor Density: >1

Spec Gravity: 0.700

Solubility in Water:

UNKNOWN

Appearance and Odor: CLEAR LIQUID

Percent Volatiles by Volume: 100

Corrosion Rate: UNKNOWN

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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: AVOID CONTACT WITH STRONG OXIDIZING AGENTS.

Materials To Avoid: STRONG OXIDIZING AGENTS

Hazardous Decomposition Products: NONE SPECIFIED BY MANUFACTURER.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Poly

merization: NONE SPECIFIED BY MANUFACTURER.
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Toxicological Information
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Ecological Information
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MSDS Transport Information
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Regulatory Information
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Other Information
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Transportation Information
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Responsible Party Cage: 72527

Trans ID NO: 86997

Product ID: IG-LO STARTINF FLUID

MSDS Prepared Date: 07/16/1993

Review Date: 08/07/19

94

MFN: 1

Tech Entry NOS Shipping Nm: CONTAINS HEPTANE AND ETHYL ETHER

Net Unit Weight: UNKNOWN

Multiple KIT Number: 0

Review IND: Y

Unit Of Issue: DZ

Container QTY: B

Type Of Container: CAN, AEROSOL

Additional Data: 1 DOZEN AEROSOL CANS.
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Detail DOT Information
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DOT PSN Code: AGC

DOT Proper Shipping Name: AEROSOLS, FLAMMABLE,

DOT PSN Modifier: (EACH NOT EXCEEDING 1 L CAPACITY)

Hazard C

Class: 2.1
UN ID Num: UN1950
Label: FLAMMABLE GAS
Special Provision: N82
Non Bulk Pack: NONE
Bulk Pack: NONE
Max Qty Pass: 75 KG
Max Qty Cargo: 150 KG
Vessel Stow Req: A
Water/Ship/Other Req: 40,48,85

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Detail IMO Information
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IMO PSN Code: AKD
IMO Proper Shipping Name: AEROSOLS o
IMDG Page Number: 2102
UN Number: 1950
UN Hazard Class: 2(T)
IMO Packaging Group: -
Subsidiary Risk Label: T
EMS Number: 2-13
MED First Aid Guide NUM: 620

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Detail IATA Information
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IATA PSN Code: ALS
IATA UN ID Num: 1950
IATA Proper Shipping Name: AEROSOLS, FLAMMABLE
IATA PSN Modifier: (EACH NOT EXCEEDING 1 L CAPACITY)
IATA UN Class: 2.1
IATA Label: FLAMMABLE GAS
Packing Note Passenger: 203
Max Quant Pass: 75KG
Max Quant Cargo: 150KG
Packaging Note Cargo: 203

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Detail AFI Information
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AFI PSN Code: ALR
AFI Symbols: *
AFI Proper Shipping Name: AEROSOLS, FLAMMABLE, N.O.S.
AFI PSN Modifier: (EACH NOT EXCEEDING 1L CAPACITY)
AFI Hazard Class: 2.1
AFI UN ID NUM: UN1950
Special Provisions: P4
Back Pack Reference: A6.3

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HAZCOM Label
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Product ID: IG-LO STARTINF FLUID
Cage: 72

527

Company Name: VALVOLINE OIL CO

Street: 3499 BLAZER PKY

PO Box: 14000

City: LEXINGTON KY

Zipcode: 40512

Health Emergency Phone: 800-274-5263

Label Required IND: Y

Date Of Label Review: 08/07/1994

Status Code: C

Label Date: 08/07/1994

Origination Code: F

Chronic Hazard IND: Y

Signal Word: DANGER

Respiratory Protection IND: YES

Health Hazard: Moderate

Contact Hazard: Slight

Fire Hazard: Severe

Reactivity Hazard: None

Hazard And Precautions: INHALATION MAY CAUSE NASAL & RESPIRATORY IRRITAT

ION,CNS EFFECTS.CONTACT MAY IRRITATE EYES.SWALLOWING MAY CAUSE GI TRACT IRRITATION.ASPIRATION DURING BREATHING OR VOMITING MAY CAUSE CHEMICAL PNEUMONIA. PROLONGED/REPEATED EXPOSURE MAY CAUSE SKIN IRRITATION,DERMATITIS,DEFATTING OF SKIN;KIDNEY DAMAGE.FIRST AID:SKIN-WASH WITH SOAP AND WATER.REMOVE CONTAMINATED CLOTHES.EYES-FLUSH WITH LOTS OF WATER,LIFT LIDS.GET MEDICAL ATTENTION.SWALLOWED-DO NOT INDUCE VOMITING!GET MEDCAL ATTENTION.INHALED-REMOVE TO FRESH AIR.IF BREATHING DIFFICULT,GI

VE OXYGEN.IF BREATHING STOPPED,GIVE ARTIFICIAL RESPIRATION.GET MED ICAL ATTENTION.TARGET ORGANS:CNS,KIDNEYS,LUNGS.

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