

INTERNATIONAL LUBRICATION AND FUEL CONSULTANTS, INC -- ILFC TEN 06 (1006) --
8030-01-438-4101

===== Product Identification =====

Product ID:ILFC TEN 06 (1006)

MSDS Date:07/17/2000

FSC:8030

NIIN:01-438-4101

Status Code:A

MSDS Number: CLRXX

=== Responsible Party ===

Company Name:INTERNATIONAL LUBRICATION AND FUEL CONSULTANTS, INC

Address:1201 RIO RANCHO BLVD

City:RIO RANCHO

State:NM

ZIP:87124

Count

ry:US

Info Phone Num:1-505-892-1666

Emergency Phone Num:(800)424-9300

Preparer's Name:HENRY SIMMONS

Chemtrec Ind/Phone:(800)424-9300

CAGE:0FR20

=== Contractor Identification ===

Company Name:INTERNATIONAL LUBRICATION AND FUEL CONSULTANTS, INC

Address:1201 RIO RANCHO BLVD

Box:City:RIO RANCHO

State:NM

ZIP:87124

Country:US

Phone:1-505-892-1666

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===== Composition/Information on Ingredients =====

Ingred Name:BARIIUM DINONYLNAPHTHALENESULFONATE

CAS:25619-56-1

< Wt:10.

Ingred Name: BUTYL CELLOSOLVE
CAS: 111-76-2
RTECS #: KJ8575000
OSHA PEL: 240 MG/M3; 50 PPM
ACGIH TLV: 20 PPM

Ingred Name: 1-DECENE, HOMOPOLYMER, HYDROGENATED
CAS: 68037-01-4

Ingred Name: ETHYL ACETATE
CAS: 141-78-6
RTECS #: AH5425000
OSHA PEL: 1400 MG/M3; 400 PPM
ACGIH TLV: 1440 MG/M3; 400 PPM
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

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

Routes of Entry: Inhalation: YES Skin: YES Ingestion: YES
Health Hazards Acute and Chronic: EYES - CAN CAUSE IRRITATION, REDNESS,
BLURRED VISION. SKIN - PROLONGED CONTACT CAN CAUSE IRRITATION,
DERMATITIS. INHALATION - CAN CAUSE IRRITATION, DIZZINESS, NAUSEA,
FATIGUE, HEADACHE AND UNCONSCIOUSNESS OR ASPHYXIATION. INGESTION -
CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING AND
DIARRHEA.

Medical Conditions Aggravated by Exposure:

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

First Aid: SKIN ? WASH WITH SOAP AND WATER. EYES - FLUSH WITH COPIOUS
AMOUNTS OF WATER, GET MEDICAL ATTENTION. INHALATION - REMOVE TO
FRESH AIR, IF BREATHING IS IMPAIRED, GET MEDICAL ATTENTION.
INGESTION - DO NOT INDUCE VOMITING, KEEP WARM, AND GET MEDICAL
ATTENTION.

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

Flash Point Method: PMCC
Flash Point: -3.7C, 25.F
Extinguishing Media: WATER, CO2, FOAM, DRY CHEMICAL OR HALON
Fire Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard: VAPOR MAY TRAVEL UNUSUALLY

L DISTANCE TO
SOURCE OF IGNITION AND FLASH BACK. EMITS TOXIC FUMES UNDER FIRE
CONDITIONS.

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Handling and Storage
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Handling and Storage Precautions:PROTECT FROM PHYSICIAN DAMAGE. STORE
IN A COOL, DRY, VENTILATED AREA WITH ACID, ALKALIS, AND OPEN
FLAMES.

Other Precautions:NONE

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Exposure Controls/Personal Protection
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Respiratory Protection:USE NIOSH APPROVED ORGANIC RESPIRATOR IF TWA/TLV
LIMITS ARE EXCEE
DED.

Ventilation:LOCAL EXHAUST-USE TO MAINTAIN BELOW TWA LIMITS. MECHANICAL
- USE NON SPARKING EQUIPMENT.

Protective Gloves:CHEMICAL RESISTANT GLOVES

Eye Protection:WEAR SAFETY GLASSES OR GOGGLES

Other Protective Equipment:NONE

Supplemental Safety and Health

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Physical/Chemical Properties
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VOC Grams/Liter:7.6

Solubility in Water:NIL

Appearance and Odor:VISCOUS AMBER LIQUID, ORGANIC SOLVENT ODOR

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:OPEN FLAME

Hazardous Decomposition Products:IRRITATING AND/OR TOXIC FUMES

INCLUDING CO3, CO2, N0 AND VARIOUS FLUORINE AND CHLORINE COMPOUNDS
MAY BE RELEASED

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Toxicological Information
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Toxicological Information:THIS ORGANIC BARIUM COMPOUND (CAS
#25619-65-1) HAS AN ORAL LD50 (RAT OF 3.5 ML AND INHALATION LC50
(RAT) >21ML/L AND A DERMAL

LD50 (RABBITS) > 2 ML/KG. SYNTHETIC
OILS MAY CAUSE SKIN AND EYE IRRITATION. BUTYL CELLOSOLVE (CAS
#141-78-6) IS IRRITATING TO THE EYES AND RESPIRATORY ABOVE THE TWA.
ETHYL ACETATE CAN CAUSE DERMATITIS. THE ORAL (RAT) LD50 IS 11,300
MG.KG AND THE INHALATION (RAT) LC50 IS 1 600 PPM/8HR.

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

Waste Disposal Methods:DISPOSE OF WASTE IN A CHEMICAL LANDFILL AS
APPROVED BY CURRENT LOCAL, STATE AND FEDERAL LAWS AND
REGULATIONS.

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