

CALUMET LUBRICANTS COMPANY -- CALUMET 142 FLASH NAPTHA RULE
66, 0420-00 -- 6810-00-201-1316

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Product Identification
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Product ID:CALUMET 142 FLASH NAPTHA RULE 66, 0420-00
MSDS Date:03/24/1997
FSC:6810
NIIN:00-201-1316
Status Code:A
MSDS Number: CKRDV
=== Responsible Party ===
Company Name:CALUMET LUBRICANTS COMPANY
Address:2780 WATERFRONT PKWY EAST, SUITE 200
City:INDIANAPOLIS
State:IN
ZIP:46214
Country:US
Info Phone Num:318-949-2421
Emergency Phone Num:318-949-2421
Preparer's Name:JENNIFER HALL
Chemtrec Ind/Phone:(800)424-9300
CAGE:EO350

==== Contractor Identification ====

Company Name:CALUMET LUBRICANTS COMPANY
Address:2780 WATERFRONT PKWY EAST, SUITE 200
City:INDIANAPOLIS
State:IN
ZIP:46214
Country:US
Phone:318-949-2421
CAGE:EO350

Company Name:CHEMSOLV, INC.
Address:1140 INDUSTRY AVE. SE
Box:City:ROANOKE
State:VA
ZIP:24013
Country:US
Phone:540-427-4000
CAGE:001W1

Company Name:INDUSTRIAL CHEMICAL COMMODITIES INC
Address:15944 DERWOOD RD
Box:City:ROCKVILLE
State:MD
ZIP:20855
Country:US
Phone:800-284-5279
Contract Num:SP0450-00-M-SE94
CAGE:1ELU0

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Composition/Information on Ingredients
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Ingred Name:HYDROTREATED LIGHT DISTILLATE (PETROLEUM)
CAS:64742-47-8
RTECS #:OA5504000
= Wt:100.
ACGIH TLV:100 PPM

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

LD50 LC50 Mixture:NO DATA PROVIDED BY RESPONSIBLE PARTY.
Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES: SOME IRRITATION. SKIN: SLIGHT
IRRITATION UPON SHORT-TERM EXPOSURE AND DERMATITIS ON PROLONGED
CONTACT. INGESTION: ACUTE ASPIRATION HAZARD. PNEUMONITIS, PULMONARY
ADEMA, CENTRAL NERVOUS SYSTEM DEPRESSION. INHALATION: NASAL AND
RESPIRATORY IRRITATION, CENTRAL NERVOUS SYSTEM DEPRESSION. CHRONIC:
PROLONGED AND/OR REPEATED CONTACT WITH THIS MATERIAL MAY PRODUCE
SKIN AND EYE IRRITATION.
Explanation of Carcinogenicity:THIS PRODUCT DOES NOT REQUIRE A CANCER
HAZARD WARNING IN ACCORDANCE WITH THE OSHA HAZARD COMMUNICATION
STANDARD.
Effects of Overexposure:SLIGHT IRRITATION, HEADACHE, NAUSEA,
DROWSINESS, FATIGUE, PNEUMONITIS, PULMONARY ADEMA, CENTRAL NERVOUS
SYSTEM DEPRESSION, CONVULSIONS, LOSS OF CONSCIOUSNESS, NASAL AND
RESPIRATORY IRRITATION, BREATHLESSNESS, .
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN
DISORDERS SHOULD AVOID CONTACT WITH THIS PRODUCT. SENSITIVE SKIN
AND DERMATITIS.

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

First Aid:EYES: FLUSH EYES IMMEDIATELY WITH WATER A MINIMUM OF 15 MIN
OCCASIONALLY LIFTING LOWER AND UPPER LIDS. IF IRRITATION PERSISTS,
GET MEDICAL ATTENTION PROMPTLY. SKIN: WASH SKIN THOROUGHLY WITH
SOAP & WATER. IMMEDIATELY REMOVE CONTAMINATED CLOTHING & LAUNDRY
BEFORE REUSE. IF IRRITATION OR RASH DEVELOPS, OBTAIN MEDICAL
ASSISTANCE. INGESTION: CALL A PHYSICIAN IMMEDIATELY. DO NOT INDUCE
VOMITING EXCEPT AT THE INSTRUCTION OF A PHYSICIAN. NEVER GIVE
ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. INHALATION: REMOVE
PATIENT TO FRESH AIR & CONSULT A PHYSICIAN. IF BREATHING IS
DIFFICULT, GIVE OXYGEN. IF NOT BREATHING, GIVE ARTIFICIAL
RESPIRATION.

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

Flash Point Method:TCC
Flash Point:>61.1C, 142.F
Autoignition Temp:>315.6C, 600.F
Lower Limits:0.7% (EST)
Upper Limits:6% (EST)
Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, AND FOAM. CAUTION:
WATER STREAM MAY SPREAD FIRE.
Fire Fighting Procedures:USE WATER SPRAY ONLY TO COOL CONTAINERS
EXPOSED TO FLAMES. DO NOT ENTER ENCLOSED OR A CONFINED WORK SPACE
WITHOUT PROPER PROTECTIVE EQUIPMENT. FIRE FIGHTING PERSONNEL SHOULD
WEAR RESPIRATORY PROTECTION (POSITIVE PRESSURE IF AVAILABLE). IF
LEAK OR SPILL HAS NOT IGNITED, USE WATER SPRAY TO DISPERSE THE
VAPORS.
Unusual Fire/Explosion Hazard:CAN FORM FLAMMABLE MIXTURES WITH AIR AND
FLASH AT ROOM TEMPERATURE. EXPLOSION HAZARD IN FIRE SITUATION.
VAPOR HEAVIER THAN AIR AND MAY TRAVEL CONSIDERABLE DISTANCE TO A
SOURCE OF IGNITION AND FLASH BACK.

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

Spill Release Procedures:NOTIFY EMERGENCY RESPONSE PERSONNEL. EVACUATE AREA AND REMOVE IGNITION SOURCES. BUILD DIKE TO CONTAIN FLOW. REMOVE FREE LIQUID. SHUT OFF IGNITION SOURCE. CONTAIN SPILL AND KEEP FROM ENTERING WATERWAYS OR SEWER. USE PERSONAL PROTECTIVE EQUIPMENT. ADVISE EPA; STATE AGENCY IF REQUIRED. ABSORB ON INERT MATERIAL. SHOVEL, SWEEP OR VACUUM SPILL AND PLACE IN CLOSED CONTAINER FOR DISPOSAL.

Neutralizing Agent:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

Handling and Storage Precautions:STORE AS OSHA CLASS IIIA COMBUSTIBLE LIQUID. KEEP AWAY FROM FLAMES, SPARKS OR HOT SURFACES. NEVER USE A TORCH TO CUT OR WELD ON OR NEAR CONTAINER. EMPTY OIL CONTAINERS CAN CONTAIN EXPLOSIVE VAPORS. WA SH THOROUGHLY AFTER HANDLING. DO NOT STORE WITH STRONG OXIDIZERS.

Other Precautions:EMPTY CONTAINERS RETAIN PRODUCT RESIDUE (LIQUID AND VAPOR) AND CAN BE DANGEROUS.

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

Respiratory Protection:PETROLEUM DISTILATES (NAPHTHA).. UP TO 100PPM, HALF MASK ORGANIC VAPOR RESPIRATOR. UP TO 5,000PPM, FULL FACE ORGANIC VAPOR RESPIRATOR OR FULL FACE SUPPLIED AIR RESPIRATOR. GREATER THAN 5,000PPM, FIRE FIGHTING, OR UNKNOWN CONCENTRATION, SELF CONTAINED BREATHING APPARATUS WITH POSITIVE PRESSURE.

Ventilation:USE ADEQUATE VENTILATION TO KEEP OIL MISTS OF THIS MATERIAL BELOW APPLICABLE STANDARD(S).

Protective Gloves:WEAR PROTECTIVE IMPERVIOUS GLOVES - NEOPRENE, NITRILE, VITON.

Eye Protection:SAFETY GLASSES, SPLASH GOGGLES, OR FACE SHIELD.

Other Protective Equipment:HAVE SUITABLE EYE WATER WASH AVAILABLE. IF PROLONGED CONTACT CANNOT BE AVOIDED WEAR IMPERVIOUS GLOVES AND CLOTHING. IF THERE IS A LIKELIHOOD OF SPLASHING OIL RESISTANT CLOTHING SHOULD BE WORN.

Work Hygienic Practices:NEVER WEAR SOAKED CLOTHING. LAUNDER OR DRY CLEAN BEFORE WEARING. DISCARD OIL SOAKED SHOES. AFFIX WARNING LABELS ON CONTAINERS IN ACCORDANCE WITH 29 CFR 1910.1200 (HAZARD COMMUNICATION STANDARD).

Supplemental Safety and Health

MAINTAIN LOCAL OR DILUTION VENTILATION TO KEEP CONTRATION IN AIR LOW. LOADING, UNLOADING, TANK GAUGING, ETC., REMAIN UPWIND. REQUEST ASSISTANCE OF SAFETY AND INDUSTRIAL HYGIENE PERSONNEL TO DETERMINE AIR CONCENTRATIONS.

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

HCC:V4

Boiling Pt:>180.C, 356.F

B.P. Text:IBP

Vapor Pres:1MMHG @ 100F

Vapor Density:6 (AIR=1)

Volatile Org Content %:99

Spec Gravity:0.77 (WATER=1)

pH:NEUTRAL
Viscosity:1.3 CST @ 100F
Evaporation Rate & Reference:SLOWER THAN ETHYL ETHER
Solubility in Water:NEGLIGIBLE IN WATER
Appearance and Odor:CLEAR LIQUID; KEROSENE ODOR.
Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZERS.
Stability Condition to Avoid:SOURCES OF IGNITION.
Hazardous Decomposition Products:INCOMPLETE COMBUSTION MAY PRODUCE
CARBON MONOXIDE AND OTHER ASPHYXIANTS.
Conditions to Avoid Polymerization:WILL NOT OCCUR.

===== Toxicological Information
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Toxicological Information:ACUTE: EYE EFFECTS: SLIGHT IRRITATION ON
CONTACT. SKIN EFFECTS: MAY CAUSE IRRITATION OR DERMATITIS WITH
PROLONGED & REPEATED CONTACT. ACUTE ORAL EFFECTS: TESTS ON SIMILAR
MATERIALS INDICATE AN ORDER OF ACUTE ORAL TOXICITY. ACUTE
INHALATION EFFECTS: ACUTE TOXICITY EXPECTED ON INHALATION.
MEDICAL
CONDITIONS AGGRAVATED BY OVEREXPOSURE: DERMATITIS AND SENSITIVE
SKIN. NOTE: THIS PRODUCT IS NOT LISTED AS CARCINOGENIC OR A
POTENTIAL CARCINOGEN BY NTP, IARC OR OSAH. NEVERTHELESS, GOOD
INDUSTRIAL HYGIENE PRACTICES ARE RECOMMENDED.

===== Ecological Information =====

Ecological:NO DATA GIVEN.

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

Waste Disposal Methods:FOLLOW FEDERAL, STATE AND LOCAL REGULATIONS. IF
"USED", RCRA CRITERIA MUST BE DETERMINED. DO NOT FLUSH TO
DRAIN/STORM SEWER. CONTACT TO AUTHORIZED DISPOSAL SERVICE. IF
PERMITTED, INCINERATION MAY BE PRACTICAL. RECOMMEND RECYCLING.

===== MSDS Transport Information =====

Transport Information:PROPER SHIPPING NAME: COMBUSTIBLE LIQUID, N.O.S.
(PETROLEUM NAPHTHA SOLVENT), NA1993, PGIII. HAZARD CLASS:
COMBUSTIBLE LIQUID. DOT IDENTIFICATION NUMBER: NA1993. DOT SHIPPING
LABEL: NONE REQUIRED. DLA -HMIS NOTE: SINCE THIS IS RATED A
DOT-COMBUSTIBLE BY THE MANUFACTURER, ONLY BULK SHIPMENTS
(CONTAINERS OVER 199 GALLONS) ARE REGULATED (49 CFR 173.150 (F)
(2)).

===== Regulatory Information =====

SARA Title III Information:SARA TITLE III HAZARD CLASSES: FIRE HAZARD.
SARA TITLE III - SECTION 313 SUPPLIER NOTIFICATION: NOT AVAILABLE
AT DATE OF REVISION. SARA 302 TPQ: NOT APPLICABLE. SARA 304 RQ: NOT
APPLICABLE. SARA 311 C CATEGORIES: IMMEDIATE (ACUTE) HEALTH EFFECTS:

NO; DELAYED (CHRONIC) HEALTH EFFECTS: NO; FIRE HAZARD: NO; SUDDEN
RELEASE OF PRESSURE HAZARD: NO; REACTIVITY HAZARD: NO.
Federal Regulatory Information:EPA/TSCA INVENTORY: THE COMPONENTS OF
THIS PRODUCT ARE LISTED ON THE EPA/TSCA INVENTORY OF CHEMICALS.
CERCLA: NO CHEMICALS IN THIS PRODUCT ARE SUBJECT TO THE REPORTING
REQUIREMENTS OF CERCLA.
State Regulatory Information:NO DATA PROVIDED BY RESPONSIBLE PARTY.

===== Other Information =====

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