

CALUMET LUBRICANTS COMPANY -- 142 FLASH NAPHTHA RULE 66,0420-00 -- 6850-00-285-8011
===== Product Identification =====

Product ID:142 FLASH NAPHTHA RULE 66,0420-00

MSDS Date:08/30/1996

FSC:6850

NIIN:00-285-8011

MSDS Number: CBQHV

=== Responsible Party ===

Company Name:CALUMET LUBRICANTS COMPANY

Address:2780 WATERFRONT PKWY E. SUITE 200

City:INDIANAPOLIS

State:IN

ZIP:46214

Country:US

Info Phone Num

:318-949-2421

Emergency Phone Num:318-949-2421/800-424-9300(CHEMTREC)

CAGE:EO350

=== Contractor Identification ===

Company Name:BARTLETT CHEMICALS

Address:4955 RIVER ROAD

Box:10710

City:JEFFERSON

State:LA

ZIP:70121

Country:US

Phone:504-734-1971

CAGE:1V771

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:HOC INDUSTRIES, INC

Address:3511 N. OHIO

Box:2609

City:WICHITA

State

:KS
ZIP:67219
Country:US
Phone:316-838-4663
CAGE:0A9L8

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

Ingred Name:SOLVENT NAPHTHA (PETROLEUM) MEDIUM ALIPHATIC (INCLUDING
INGREDIENTS 2, 3 AND 4)

CAS:64742-88-7
Fraction by Wt: 100%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3 (OIL MIST)
ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:NAPHTHALENE (SARA 313) (CERCLA)

CAS:91-20-3
RTECS #:QJ0525000
Fraction by Wt: UPTO0.5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:10 PPM
A
CGIH TLV:10 PPM/15 STEL; 9596
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:1,2,4-TRIMETHYLBENZENE (SARA 313)

CAS:95-63-6
RTECS #:DC3325000
Fraction by Wt: UPTO0.5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:25 PPM
ACGIH TLV:25 PPM; 9596

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA 313) (CERCLA)

CAS:1330-20-7
RTECS #:ZE2100000
Fraction by Wt: UPTO0.5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM
ACGIH TLV:100 PPM/150STEL;9596
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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Hazards Identification
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LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

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

Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, RESPIRATORY & GI TRACTS. ACUTE- EYES:IRRITATION. SKIN:MAY CAUSE IRRITATION/DERMATITIS WITH PROLONGED/REPEATED CONTACT. INHALE:MAY CAUSE RESPIRATORY IRRITATION. ORAL:HARMFUL I F SWALLOWED. MAY CAUSE NAUSEA, VOMIT

ING. ASPIRATION HAZARD. CHRONIC- MAY CAUSE DERMATITIS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, NAUSEA, VOMITING, HEADACHE, REDNESS, TEARING, BLURRED VISION, DEFATTING, DERMATITIS

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PRE-EXISTING DISEASES OF THE EYE, SKIN, RESPIRATORY TRACT MAY HAVE INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.

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First Aid Measures
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First Aid:GET MEDICAL

ATTENTION IF SYMPTOMS PERSIST. EYES:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. INHALED:MOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NECESSARY. ORAL:DO NOT INDUCE VOMITING EXCEPT ON ADVICE OF COMPETENT MEDICAL PERSONNEL. IF CONSCIOUS, RINSE MOUTH WITH WATER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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Fire Fighting Measures
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Flash Point Method:TCC

Flash Point:>142F,>61C

Aut

ignition Temp:Autoignition Temp Text:>600F

Lower Limits:0.7

Upper Limits:6

Extinguishing Media:USE FOAM, DRY CHEMICAL/CARBON DIOXIDE. DON'T USE DIRECT STREAM OF WATER; MAY SPREAD FIRE.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL FIRE-EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:COMBUSTIBLE. WHEN HEATED ABOVE FLASH POINT, WILL RELEASE FLAMMABLE VAPORS WHICH CAN BURN IN OPEN/BE EXPLOSI

VE IN CONFINED SPACES IF EXPOSED TO IGNITION SOURCE.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE AREA. CONTAIN SPILL. PICK UP SPILL WITH NON-FLAMMABLE ABSORBENT SUCH AS SAND, EARTH/PUMP (EXPLOSION PROOF). GROUND ALL HANDLING EQUI PMENTS. PREVENT LIQUID FROM ENTERING SEWERS.

Neutralizing Agent:NOT RELEVANT

===== Handling and Storage =====
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Handling and Storage Precautions:STORE IN COOL, WELL VENTILATED AREA AWAY FROM SOURCES OF IGNITION & STRONG OXIDIZING AGENTS. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:AVOID BREATHING VAPORS. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING. REMOVE CONTAMINATED CLOTHING PROMPTLY. LAUNDRER BEFORE REUSE.

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

Respiratory Protection:IF WORKIN
G IN CONFINED AREAS, IF EXCESSIVE
MISTING IS EXPECTED OR IF EXPOSURE MAY OR DOES EXCEED RECOMMENDED PERMISSIBLE EXPOSURE LIMITS (PEL), WEAR NIOSH-APPROVED RESPIRATORY PROTECTION FOR ORGANIC V APORS (REFER TO 29 CFR 1910.134).

Ventilation:ADEQUATE

Protective Gloves:NEOPRENE IF REPEATED CONTACT POSSIBLE

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.
INDUSTRIAL-TYPE WORK CLOTHING, APRON, AND BOOTS IF SPILLS OR

SPLASHING CAN OCCUR.

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

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

HCC:V4

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:>356F,>180C

Vapor Density:6

Spec Gravity:0.78

VOC Pounds/Gallon:990

Viscosity:1.3 CS @ 100F

Evaporation Rate & Reference: