

CALUMET REFINING CO DIV OF CALUMENT INDUSTRIES INC -- 142 FLASH NAPHTHA P/N 0430-00 --  
6850-00-637-6135

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

Product ID:142 FLASH NAPHTHA P/N 0430-00

MSDS Date:05/31/1996

FSC:6850

NIIN:00-637-6135

MSDS Number: CFFKD

=== Responsible Party ===

Company Name:CALUMET REFINING CO DIV OF CALUMENT INDUSTRIES INC

Address:HC 62

Box:460

City:PRINCETON

State:LA

ZIP:71067

Country

:US

Info Phone Num:318-949-2421

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

Preparer's Name:JENNIFER HALL

CAGE:69487

=== Contractor Identification ===

Company Name:CALUMET REFINING CO DIV OF CALUMENT INDUSTRIES INC

Address:HC 62

Box:460

City:PRINCETON

State:LA

ZIP:71067

Country:US

Phone:318-949-2421

CAGE:69487

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

===== Composition/Information =====

on Ingredients =====

Ingred Name:SOLVENT NAPHTHA (PETROLEUM) MEDIUM ALIPHATIC

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: 600F

Lower Limits:0.7%

Upper Limits:6%

Extinguishing Media:CARBON DIOXIDE, SAND, FOAM/DRY CHEMICAL. DO NOT USE  
DIRECT STREAM OF WATER. WATER STREAM MAY SPREAD FIRE.

Fire Fighting Procedures:

WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED

SELF-CONTAINED BREATHING APPARATUS. COOL FIRE-EXPOSED CONTAINERS  
WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:VAPOR IS HEAVIER THAN AIR AND CAN TRAVEL  
CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK.  
CONTAINERS MAY RUPTURE DUE TO VAPOR PRESSURE BUILDUP.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES  
OF IGNITION. VENTILATE ARE

A. CONTAIN AND PICK UP SPILL WITH

NON-FLAMMABLE ABSORBENT SUCH AS SAND, EARTH, VERMICULITE. GROUND  
ALL HANDLING EQUIPMENTS. PREVENT LIQUID FROM ENTERING SEWERS OR  
WATERWAYS.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL, VENTILATED PLACE AWAY  
FROM IGNITION SOURCES AND OXIDIZING MATERIALS. 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. EMPTY CONTAINERS RETAIN PRODUCT RESIDUE (LIQUID AND VAPOR) AND CAN BE DANGEROUS.

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

Respiratory Protection:UP TO 1000 PPM, NIOSH-APPROVED HALF MASK ORGANIC VAPOR RESPIRATOR. UP TO 5000 PPM, FULL FACE ORGANIC VAPOR RESPIRATOR OR SUPPLIED AIR RESPIRATOR. IN EMERGENCY/>5000, WEAR A NIOSH-APPROVED POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS

Ventilation:LOCAL EXHAUST IS RECOMMENDED FOR CONFINED AREAS. GENERAL MECHANICAL VENTILATION IS ADEQUATE FOR NORMAL USE.

Protective Gloves:NEOPRENE OR NITRILE FOR REPEATED CONTACT

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:EYE WASH STATION, SAFETY SHOWER, PROTECTIVE CLOTHING

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

Supplemental Safety and Health

NOTE: INGREDIENTS

2-4 ARE FOUND ON PAGE 5, SECTION 15 OF MFR'S MSDS, "REGULATORY INFORMATION".

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

HCC:V4

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

Vapor Pres:5.2 @ 100F

Vapor Density:6

Volatile Org Content %:99

Spec Gravity:0.78

Viscosity:1.3 CST @100F

Evaporation Rate & Reference: