

KERR-MCGEE REFINING CORPORATION -- KERMAC 140 FLASH NAPHTHA,RULE 66 --  
6850-00-274-5421

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

Product ID:KERMAC 140 FLASH NAPHTHA,RULE 66

MSDS Date:12/22/1988

FSC:6850

NIIN:00-274-5421

MSDS Number: BDSFJ

=== Responsible Party ===

Company Name:KERR-MCGEE REFINING CORPORATION

Address:3020 KNIGHT STREET,SUITE 130

City:SHREVEPORT

State:LA

ZIP:71105

Country:US

Info Phone N

um:800-548-3417 318-861-0954

Emergency Phone Num:713-831-4700

Preparer's Name:C.L.RUSSELL

CAGE:DO402

=== Contractor Identification ===

Company Name:KERR-MCGEE CHEMICAL CORP

Address:123 ROBERT S KERR AVE

Box:25861

City:OKLAHOMA CITY

State:OK

ZIP:73125

Country:US

Phone:405-270-1313

CAGE:07083

Company Name:KERR-MCGEE REFININF CORP & SUBSIDIARIES

Address:POB 2217

City:HOUSTON

State:TX

ZIP:77253

Phone:713-638-4700/CHEMTREC 800-424-9300

CAGE:DO402

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===== Composition/Information on Ingredient

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Ingred Name:NAPHTHA, MEDIUM ALIPHATIC

CAS:64742-88-7

Fraction by Wt: 100.0%

Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE:IRRITATION OF  
EYES,SKIN,RESPIRATORY OR G.I.TRACTS;CNS EFFECTS LIKE  
HEADACHE,DIZZINESS,NAUSEA AND VOMITING. REDNESS OR BURNS OF  
EYES/SKIN POSSI  
BLE.CHRONIC:DRYING OF SKIN,DEFATTING OR DERMATITIS,D  
AMAGE TO LUNGS.

Explanation of Carcinogenicity:DATA PER MSDS

Effects of Overexposure:MAY CAUSE IRRITATION OF EYES,SKIN,RESPIRATORY  
OR G.I.TRACTS;MAY CAUSE HEADACHE,DIZZINESS,NAUSEA,VOMITING OR GI  
TRACT DISTURBANCES POSSIBLE.BURNS OR REDNESS OF EYES/CRACKING OR  
DRYNESS OF SKIN.

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS  
OR WITH A PRE-EXISTING DISEASE INVOLVING THE EYES, SKIN, OR  
RESPIRATORY TR  
ACT MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:INHALATION:REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING.  
GET MEDICAL ATTENTION. EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER  
FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION.  
SKIN:REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF  
IRRITATION PERSISTS, GET MEDICAL ADVICE. INGESTION:DO NOT INDUCE  
VOMITING. GIVE NOTHING BY MOUTH IF  
UNCONSCIOUS. GET IMMEDIATE  
MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:148F,64C

Autoignition Temp:Autoignition Temp Text:450F

Lower Limits:1.0

Upper Limits:6.0

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY  
CHEMICAL.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &  
FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER  
SPRAY TO COOL NEARBY CONTAINERS

EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:CONTAINERS MAY BURST DUE TO EXTREME HEAT.  
FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS  
DECOMPOSITION PRODUCTS.

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

Spill Release Procedures:USE PROPER PERSONAL PROTECTION;CONTAIN FREE  
MATERIAL IF POSSIBLE;USE SUITABLE INERT ABSORBENT MATERIAL AND  
RECOVER FOR PROPER DISPOSAL IN AN APPROVED CONTAINER.

Neutralizing Agent:NOT APPLICABLE.

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Handling and Storage =====

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED  
AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT  
CONTAINERS FROM PHYSICAL DAMAGE.

Other Precautions:DO NOT TAKE INTERNALLY. DO NOT BREATHE MIST. AVOID  
PROLONGED OR REPEATED BREATHING OF VAPOR. AVOID CONTACT WITH EYES.  
USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.

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

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spiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR AS REQUIRED  
IF ABOVE PEL/TLV OR SCBA IN AN ENCLOSED AREA.

Ventilation:LOCAL/GENERAL TO MAINTAIN PEL/TLV.

Protective Gloves:NEOPRENE, NITRILE, OR NATURAL RUBBER

Eye Protection:SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER,WORK  
CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND  
RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED

CLOTHING OR  
FOOTWEAR.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO  
NOT BREATHE VAPORS OR MISTS.

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

HCC:V4

Boiling Pt:B.P. Text:360F,182C

Vapor Pres:0.1

Vapor Density:5.5

Spec Gravity:0.78

Viscosity:1.32 CST

Evaporation Rate & Reference:8 TIMES SLOWER

Solubility in Water:NEGLIGIBLE

Appearance and Odor:PETROLEUM NAPHTHA.

Percent Volatiles by Volume:100.0

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

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid: HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE AND OTHER UNIDENTIFIED COMPONENTS.

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

Waste Disposal Methods: CONSULT LOCAL AUTHORITIES. DISPOSAL MUST BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

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