

SUN REFINING AND MARKETING COMPANY -- SR 4230 SAE 30 -- 9150-00-188-9858

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Product Identification
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Product ID:SR 4230 SAE 30

MSDS Date:09/07/1987

FSC:9150

NIIN:00-188-9858

MSDS Number: BRPBV

=== Responsible Party ===

Company Name:SUN REFINING AND MARKETING COMPANY

Address:1801 MARKET ST.TEN PENN CENTER; 18 FLOOR

City:PHILADELPHIA

State:PA

ZIP:19103

Country:US

Info Phone Num:215-447-1852

Emergency Phone Num:215-447-1852

Preparer's Name:RAMONA PANSON

CAGE:8X531

=== Contractor Identification ===

Company Name:SUN REFINING AND MARKETING COMPANY

Address:1801 MARKET ST,TEN PENN CTR

Box:City:PHILADELPHIA

State:PA

ZIP:19103-1699

Country:US

Phone:215-977-6133

CAGE:8X531

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Composition/Information on Ingredients
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Ingred Name:REFINED HEAVY PARAFFINIC DISTILLATES

CAS:64741-88-4

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (OIL M

IST)

Ingred Name:ZINC DIALKYL DITHIOPHOSPHATE & ZINC DIARYL DITHIOPHOSPHATE
(MIXED)

CAS:68649-42-3

Other REC Limits:NONE RECOMMENDED

Ingred Name:MAGNESIUM OXIDE

CAS:1309-48-4

RTECS #:OM3850000

Fraction by Wt: 0.13%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:15 MG/M3 PARTICULATE

ACGIH TLV:10 MG/M3;TDUST; 9293

Ingred Name:PHOSPHOROUS

CAS:7723-14-0

RTECS #:TH3500000

Fraction by Wt: 0.12%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:0.1 MG/M3

:1 LB

Ingred Name:ZINC (SARA III)
CAS:7440-66-6
RTECS #:ZG8600000
Fraction by Wt: 0.13%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:10 MG ZNO/M3
ACGIH TLV:10 MG ZNO/M3; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:OIL MIST TLV: 5 MG/M3
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHALATION-NO ACUTE EFFECTS E
XPECTED
TO TWICE EXPOSURE LIMITS. SKIN-MODERATE IRRITATION WITH PROLONGED
OR REPEATED CONTACT. EYE-CONTACT WITH THE EYE MAY CAUSE MODERATE
IRRITATION.
Explanation of Carcinogenicity:PROLONGED OR REPEATED CONTACT WITH USED
MOTOR OIL MAY BE HARMFUL TO SKIN & COULD CAUSE SKIN CANCER.
Effects of Overexposure:NONE SPECIFIED BY MANUFACTURER.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First A
id:INHALATION-NONE NORMALLY REQUIRED. SKIN-WASH WITH SOAP &
WATER UNTIL NO ODOR REMAINS. IF REDNESS OR SWELLING DEVELOPS,
OBTAIN MEDICAL ASSISTANCE. WASH CLOTHING BEFORE REUSE. EYES-FLUSH
WITH WATER FOR AT LEAST 15 MIN. OBTAIN MEDICAL ASSISTANCE.
INGESTION-GIVE LIQUIDS & INDUCE VOMITING UNLESS UNCONSCIOUS. OBTAIN
MEDICAL ASSISTANCE. SMALL AMOUNTS ENTERS THE MOUTH SHOULD BE RINSED
UNTIL GONE.

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

Flash Poi

nt Method:COC

Flash Point:430F,221C

Extinguishing Media:WATER FOG. CHEMICAL FOAM. DRY CHEMICAL POWDER.
CARBON DIOXIDE.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS WHEN
FIRE FIGHTING IN CONFINED SPACE.

Unusual Fire/Explosion Hazard:CAN BE MADE TO BURN (FLASH POINT GREATER
THAN 200F).

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

Spill Release Procedures:CONTAIN SPILL. ABSORB ON INERT MATERIAL.

===== Handling and Storage =

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Handling and Storage Precautions:NFPA CLASS IIIB STORAGE. AVOID CONTACT
WITH THIS MATERIAL. WASH THOROUGHLY AFTER HANDLING.

Other Precautions:CAUTION!

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

Respiratory Protection:CONCENTRATION-IN-AIR DETERMINES PROTECTION AS
NEEDED. USE ONLY NIOSH CERTIFIED RESPIRATORY PROTECTION.

Ventilation:VENTILATE AS NEEDED TO COMPLY WITH EXPOSURE LIMITS.

Protective Gloves:IMPERVIOUS GLOVES RECOMMENDED.

Eye Protection:

SPLASH PROOF CHEMICAL GOGGLES.

Other Protective Equipment:IF CONTACT IS UNAVOIDABLE, WEAR IMPERVIOUS
PROTECTIVE GEAR.

Work Hygienic Practices:LAUNDER SOILED CLOTHES. SAFETY SHOWER AND EYE
WASH AVAILABILITY RECOMMENDED.

Supplemental Safety and Health

NONE

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

HCC:V6

Boiling Pt:B.P. Text:WIDE RANGE

Vapor Pres:NIL

Vapor Density:15+

Spec Gravity:0.88

pH:6.6

Evaporation Rate & Reference:10000X SLOWER (ETY ETH=1)

Solu

bility in Water:NIL

Appearance and Odor:DARK FLUID, ENGINE OIL ODOR.

Percent Volatiles by Volume:NIL

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:CARBON MONOXIDE & ASPHYXIANTS TRACES
OF OXIDES OF SULFUR AND ZINC.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:FOLLOW FEDERAL, STATE AND LOCAL REGULATIONS. DO
NOT FLUSH TO DRAIN/STORM SEWER. CONTRACT TO AUTHORIZED DISPOSAL
SERVICE.

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