

SUN REFINING AND MARKETING COMPANY -- SR 3813 10W-30 (LUBRICATING OIL) --
9150-00-186-6699

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

Product ID:SR 3813 10W-30 (LUBRICATING OIL)

MSDS Date:04/04/1986

FSC:9150

NIIN:00-186-6699

MSDS Number: BDHDD

=== Responsible Party ===

Company Name:SUN REFINING AND MARKETING COMPANY

Address:TEN PENN CENTER 1801 MARKET STREET

City:PHILADELPHIA

State:PA

ZIP:19103

Info Phon

e Num:215-293-6323

Emergency Phone Num:215-293-6323

Preparer's Name:RAMONA PANSON

CAGE:8X531

=== Contractor Identification ===

Company Name:OCTAGON PROCESS INC.

Address:596 RIVER ROAD

Box:City:EDGEWATER

State:NJ

ZIP:07020

Country:US

Phone:201-945-9400

CAGE:82925

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

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

===

Ingred Name:SEVERELY SOLVENT REFINED HEAVY PARAFFINIC DISTILLATE
(PETROLEUM)
CAS:64741-88-4
RTECS #:PY8040500
Other REC Limits:5MG/CUM
OSHA PEL:5MG/CUM (OIL MIST)
ACGIH TLV:5MG/CUM (OIL MIST)

Ingred Name:ETHYLENE PROPYLENE COPOLYMER
CAS:9010-79-1

Ingred Name:ZINC DIALKYL DITHIOPHOSPHATE (CONTAINS 0.10-0.13% ZINC)
CAS:68457-79-4

Ingred Name:MAGNESIUM SULFONATE
CAS:61789-87-5

Ingred Name:METHACRYLATE COPOLYMERS

Ingred Name:SODIUM SULFONATE
CAS:68608-26-4

Ingred Name:CALCIUM PHENATE

Ingred Name:POLYBUTENYLAMIDE

Ingred Name:POLYALKENYLSUCCINIC ANHYDRIDE

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

LD50 LC50 Mixture:LD50>15G/KG
Health Hazards Acute and Chronic:EYES:MILD IRRITATION;SKIN:PRACTICALLY
NON-TOXIC IF ABSORBED.MILD IRRITATION WITH PROLONGED OR REPEATED
CONTACT.
Explanation of Carcinogenicity:PROLONGED OR REPEATED CONTACT COULD
CAUSE SKIN CANCER (PER MANUFACTURER)
Effects of Overexposure:SEE HEALTH HAZARDS.
Medical Cond Aggravat

ed by Exposure:NONE NOTED

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

First Aid:EYES:FLUSH W/WATER.IF IRRITATION PERSISTS,SEEK MEDICAL ATTENTION;SKIN:WASH W/SOAP & WATER UNTIL NO ODOR REMAINS.WASH CLOTHING BEFORE REUSE;INHALATION:REMOVE TO FRESH AIR;INGESTION:GIVE LIQUIDS & INDUCE VOMIT UNLESS VICTIM IS UNCONSCIOUS.OBTAIN MEDICAL ASSISTANCE.IF SMALL AMOUNT ENTER MOUTH,RINSE OUT UNTIL TASTE IS GONE.

===== Fire Fighting Measures ==

Flash Point Method:COC
Flash Point:420F,216C (MIN)
Autoignition Temp:Autoignition Temp Text:700F
Extinguishing Media:WATER FOG,CHEMICAL FOAM,DRY CHEMICAL,CO*2
Fire Fighting Procedures:WEAR SCBA IN CONFINED AREAS.
Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:CONTAIN SPILL.ABSORB IN INERT MATERIAL AND PLACE IN APPROPRIATE DISPOSAL CONTAINER.

===== Handling and Storage ==

Handling and Storage Precautions:STORE IN COOL,DRY,WELL VENTILATED,LOW FIRE RISK AREA. KEEP CONTAINERS CLOSED.
Other Precautions:AVOID PROLONGED OR REPEATED CONTACT WITH SKIN. COULD CAUSE SKIN CANCER. PROMPTLY WASH AFFECTED AREA WITH SOAP & WATER.

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

Respiratory Protection:NONE NORMALLY REQUIRED UNLESS PRODUCT IS HEATED OR MISTED. USE ONLY NIOSH/MSHA APPROVED RESPIRATORY PROTECTION.
Ventilation:L
LOCAL EXHAUST
Protective Gloves:RUBBER
Eye Protection:SPLASH GOGGLES
Other Protective Equipment:AS REQUIRED TO PREVENT PROLONGED CONTACT
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING. WASH CLOTHING BEFORE REUSE
Supplemental Safety and Health

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

HCC:V6
Boiling Pt:B.P. Text:WIDE RANGE
Vapor Pres:NIL
Vapor Density:10+
Spec Gravity:0.87
pH:7.0
Viscosity:11 CS
Evaporation Rate & Reference:1000X SLOWER(ETHYL ETH=1)
Sol

ubility in Water:NIL

Appearance and Odor:DARK AMBER FLUID,LITTLE ODOR

Percent Volatiles by Volume:NIL

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS.

Stability Condition to Avoid:HEAT,IGNITION SOURCES

Hazardous Decomposition Products:CO,TRACE OXIDES OF S,P,ZN,ASPHYXIANTS.

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

Waste Disposal Methods:DO NOT FLUSH TO DRAIN,STORM SEWER.CONTRACT TO
A

AUTHORIZED DISPOSAL SERVICE.COMPLY WITH ALL APPLICABLE
FEDERAL,STATE & LOCAL REGS.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
ass

sume responsibility for the suitability of this information to their
particular situation.