

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 =====

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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

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First Aid Measures  
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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.

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Fire Fighting Measures  
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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

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

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Handling and Storage  
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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.

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Exposure Controls/Personal Protection  
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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

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Physical/Chemical Properties  
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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.

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