

SUN REFINING AND MARKETING CO -- SECO -- 6850-00-139-5319

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

Product ID:SECO

MSDS Date:10/02/1986

FSC:6850

NIIN:00-139-5319

MSDS Number: BPFPZ

=== Responsible Party ===

Company Name:SUN REFINING AND MARKETING CO

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

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

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

Ingred Name:SEVERLY HYDROTREATED HEAVY NAPHTHENIC DISTILLATE

CAS:64742-52-5

RTECS #:PY8035000

Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM PETROLEUM SULFONATE

CAS:68608-26-4

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 AS OIL MIST

ACGIH TLV:5 MG/M3 AS OIL MIST

Ingred Name:DIETHYLENE GLYCOL MONOBUTYL ETHER  
CAS:112-34-5  
RTECS #:KJ9100000  
Other REC Limits:NONE RECOMMENDED

Ingred Name:TRIETHANOLAMINE  
CAS:102-71-6  
RTECS #:KL9275000  
Other REC Limits:NONE RECOMMENDED

Ingred Name:ANIMAL FATTY OIL  
CAS:8016-28-2  
Other REC Limits:NONE RECOMMENDED

Ingred Name:POTASSIUM HYDROXIDE (SARA III)  
CAS:1310-58-3  
RTECS #:TT2100000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:C, 2 MG/M3  
ACGIH TLV:C 2 MG/M3; 9293  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:NAP  
HTHENIC ACID (SARA III)  
CAS:1338-24-5  
RTECS #:QK8750000  
Other REC Limits:NONE RECOMMENDED  
EPA Rpt Qty:100 LBS  
DOT Rpt Qty:100 LBS

Ingred Name:DIETHYLENE GLYCOL  
CAS:111-46-6  
RTECS #:ID5950000  
Other REC Limits:NONE RECOMMENDED

Ingred Name:TALL OIL FATTY A. K. SALT  
CAS:61790-44-1  
Other REC Limits:NONE RECOMMENDED

Ingred Name:TALL OIL  
CAS:8002-26-4  
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 > 5 GRAM/KG (RAT)  
Rou

tes of Entry: Inhalation:NO Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:SKIN: MODERATE TO SEVERE IRRITATION  
WITH PROLONGED OR REPEATED CONTACT. NOT SIGNIFICANTLY IRRITATING  
AFTER PRODUCT DILUTED FOR USE. EYE: MAY CAUSE MODERATE TO SEVERE  
IRRITATION.  
Effects of Overexposure:IRRITATION.  
Medical Cond Aggravated by Exposure:NONE STATED.

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

First Aid:INHALED  
: REMOVE TO FRESH AIR. SKIN: WASH WITH WATER FOR 15  
MINUTES. IF REDNESS OR SWELLING DEVELOPS, OBTAIN MEDICAL  
ASSISTANCE. REMOVE SOAKED CLOTHING. WASH BEFORE REUSE. EYE: FLUSH  
WITH WATER FOR 15 MINUTES. INGESTED: GIVE LIQUID AND INDUCE  
VOMITING UNLESS VICTIM IS UNCONSCIOUS. SMALL AMOUNTS WHICH  
ACCIDENTALLY ENTER MOUTH SHOULD BE RINSED OUT UNTIL TASTE OF IT IS  
GONE.

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

Flash Point Method:COC  
Flash Point:33  
OF,166C  
Extinguishing Media:WATER FOG, ALCOHOL FOAM, DRY CHEMICAL POWDER,  
CARBON DIOXIDE.  
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS WHEN  
FIRE FIGHTING IN CONFINED SPACE.  
Unusual Fire/Explosion Hazard:NONE STATED.

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

Spill Release Procedures:CONTAIN LARGE SPILL, LEAK OR RELEASE. ABSORB  
ON INERT MATERIAL FOR SMALL SPILL.  
Neutralizing Agent:NONE STATED.

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

Handling and Storage Precautions:NFPA CLASS IIIB STORAGE. AVOID CONTACT  
WITH THIS MATERIAL. WASH THOROUGHLY AFTER HANDLING.  
Other Precautions:PROLONGED OR REPEATED CONTACT WITH THIS PRODUCT IN  
UNDILUTED FORM CAN CAUSE SKIN OR EYE IRRITATION. AVOID CONTACT.

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

Respiratory Protection:WHEN CONCENTRATION IN AIR EXCEEDS PEL, USE ONLY  
NIOSH APPROVED CERTIFIED RESPIRATORY PROTECTION.  
Ventilation:ADEQU

ATE VENTILATION TO KEEP BELOW PEL.  
Protective Gloves:IMPERVIOUS TYPES.  
Eye Protection:SAFETY GLASSES.  
Other Protective Equipment:NONE STATED.  
Work Hygienic Practices:NONE STATED.  
Supplemental Safety and Health

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

HCC:N1  
Spec Gravity:0.93  
Evaporation Rate & Reference:1/1000 OF ETHYL EHTER  
Solubility in Water:EMULSIFIES  
Appearance and Odor:AMBER TO DARK FLUID, WITH HYDROCARBON ODOR.  
Percent Volatiles by Volume:< 5

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

Stability Indicator/Materials to Avoid:YES  
AVOID STRONG OXIDIZERS.  
Stability Condition to Avoid:NONE STATED.  
Hazardous Decomposition Products:CARBON MONOXIDE AND ASPHYXIANTS.

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

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

Disclaime  
r (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 assume responsibility for the suitability of this information to their particular situation.