

SOUTH COAST TERMINALS INC -- SCT ARCTIC OIL HEAVY DUTY,SAE 0W20,MIL SYMBOL/OEA ME-22 -- 9150-00-491-7197

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

Product ID:SCT ARCTIC OIL HEAVY DUTY,SAE 0W20,MIL SYMBOL/OEA ME-22

MSDS Date:06/30/1999

FSC:9150

NIIN:00-491-7197

Status Code:A

MSDS Number: CJQSR

=== Responsible Party ===

Company Name:SOUTH COAST TERMINALS INC

Address:7401 WALLISVILLE RD

Box:15535

City:HOUS

TON

State:TX

ZIP:77020

Country:US

Info Phone Num:713-672-2401, EXT 232

Emergency Phone Num:713-672-2401

Chemtrec Ind/Phone:(800)424-9300

CAGE:1L506

=== Contractor Identification ===

Company Name:SOUTH COAST TERMINALS, INC

Address:7401 WALLISVILLE ROAD

Box:15535

City:HOUSTON

State:TX

ZIP:77020

Country:US

Phone:713-672-2401/800-424-9300(CHEMTREC)

Contract Num:SP0450-99-M-B335

CAGE:1L506

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

Ingred Name:LUBRICATING OIL BASE STOCK

Fr

action by Wt: 80 - 90%
Other REC Limits:NONE SPECIFIED
OSHA PEL:5 MG/M3 OIL MIST
ACGIH TLV:5 MG/M3 OIL MIST

Ingred Name:ZINC DIALKYL DITHIOPHOSPHATE
CAS:68457-79-4
Other REC Limits:NONE SPECIFIED

Ingred Name:POLYALPHAOLEFIN, ALIPHATIC DIESTER, ADDITIVE PACKAGE
= Wt:100.
OSHA PEL:NONE
ACGIH TLV:NONE

Ingred Name:ZINC SALT OF DIALKYL DITHIOPHOSPHORIC ACID

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) > 5,000 MG/KG
Reports of Carcinogeni
city:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS:NOT PROVIDED. HAZARD
IDENTIFICATION: INGESTION: THIS MATERIAL IS NOT CLASSIFIED AS TOXIC
BY ORAL ADMINISTRATION AS DEFINED IN 16 CFR 1500. EYE IRRITATION:
THIS MATERIAL IS NOT CLASSIFIED AS AN IRRITANT BY OCCULAR
APPLICATION AS DEFINED BY 16 CFR 1500. SKIN IRRITATION: THIS
MATERIAL IS NOT CLASSIFIED A PRIMARY IRRITANT OR AS A CORROSIVE BY
DERMAL APPLICATION AS DEFINED BY 16 CFR 1500 . INHALAT
ION: THIS
PRODUCT IS CONSIDERED ESSENTIALLY NON-TOXIC BY INHALAITON.

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

First Aid:ORAL: DO NOT INDUCE VOMITING. IF CONSCIOUS, DRINK WATER TO
DILUTE. DO NOT GIVE SODIUM BICARBONATE, FRUIT JUICE/VINEGAR. NEVER
GIVE ANYTHING BY MOUTH IF VICTIM IS UNCONSCIOUS OR HAVING
CONVULSIONS. C ALL A PHYSICIAN OR POISON CONTROL CENTER
IMMEDIATELY. EYE: IMMEDIATELY FLUSH EYES WITH PLENTY OF COOL WATER
FOR AT LEAST 15
MINUTES. DO NOT LET VICTIM RUB EYES. IF IRRITATION
OR REDNESS PERSISTS, SEE K MEDICAL ATTENTION. SKIN: WASH WITH SOAP
AND WATER. IF IRRITATION OR REDNESS PERSISTS, SEEK MEDICAL
ATTENTION. INHALATION: IF IRRITATION OF NOSE OR THROAT DEVELOPS,
MOVE AWAY FROM EXPOSURE. IF IRRITA TION PERSISTS, SEEK MEDICAL
ATTENTION.

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

Flash Point:=200.C, 392.F
Lower Limits:N/D
Upper Limits:N/D
Extinguishing Media:USE WATER SPR

AY, CARBON DIOXIDE, FOAM, OR DRY

CHEMICAL. WATER MAY BE INEFFECTIVE BUT SHOULD BE USED TO KEEP FIRE-EXPOSED CONTAINERS COOL.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY. CONTAIN RUNOFF. IF A SPILL OR LEAK HAS NOT BEEN IGNITED, USE WATER SPRAY TO DISPERSE THE VAPORS. WATER SPRAY MAY BE USED TO FLUSH SPILLS AWAY FROM FIRE.

Unusual Fire/Explosion Hazard:FI

REFIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS IN THE POSITIVE-PRESSURE MODE WITH FULL FACEPIECE WHEN THERE IS POSSIBILITY OF EXPOSURE TO SMOKE,FUMES,OR HAZARDOUS DECOMPOSITION PRODUCTS.

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

Spill Release Procedures:WEAR APPROPRIATE RESPIRATORY PROTECTION AND PROTECTIVE CLOTHING. CONTAIN SPILLED MATERIAL. TRANSFER TO SECURE CONTAINERS. WHERE NECESSARY, COLLECT USING ABSORBENT MEDIA. IN THE EVENT

OF AN UNCONTROLL ED RELEASE OF THIS MATERIAL, THE USER SHOULD DETERMINE IF THE RELEASE IS REPORTABLE UNDER APPLICABLE LAWS AND REGULATIONS. TREAT AS AN OIL SPILL. CONTAIN AND REMOVE BY MECHANICAL MEANS.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:NO SPECIAL PRECAUTIONS NECESSARY.

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

Respiratory Protection:NOT NORMALLY NEEDED.

V

entilation:MECHANICAL VENTILATION IS RECOMMENDED.

Protective Gloves:CHEMICAL RESISTANT GLOVES

Eye Protection:SAFETY GOGGLES OR SPLASH GOGGLES

Other Protective Equipment:NONE

Work Hygienic Practices:DO NOT TAKE INTERNALLY. AVOID SKIN CONTACT.

WASH SKIN AFTER USING PRODUCT. DO NOT EAT, DRINK OR SMOKE IN WORK AREA.

Supplemental Safety and Health

NONE

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

HCC:V6

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:>260.C, 500.F

B.P. Tex

t:IBP(OIL)
Vapor Pres:AIR
Spec Gravity:0.87 - 0.88
pH:NEUTRAL
Solubility in Water:NEGLIGIBLE

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

Stability Indicator/Materials to Avoid:YES
Stability Condition to Avoid:HEATING TO DECOMPOITION. USING PRESSURE TO
EMPTY DRUMS OR EXPLOSION MAY RESULT.DO NOT WELD,HEAT,DRILL
CONTAINER.RESIDUE MAY IGNITE WITH EXPLOSIVE VIOLENCE IF HEATED
SUFFICIENTLY.
Hazardous Decomposition Products:OXIDES OF
CARBON,SULFUR,NITROGEN,PHOS
PHORUS AND ZINC.

===== Toxicological Information =====

Toxicological Information:FOR A MAJOR COMPONENT OF THIS FORMULATION,
THE ACUTE ORAL LD50 VALUE WAS FOUND TO BE GREATER THAN 5.0 G/KG IN
MALE AND FEMALE SPRAGUE-DAWLEY RATS.

===== Ecological Information =====

Ecological:AVOID UNCONTROLLED RELEASE OF THIS MATERIAL. WHERE SPILLS
ARE POSSIBLE, A COMPREHENSIVE SPILL RESPONSE PLAN SHOULD BE
DEVELOPED AND IMPLEMENTED

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

Waste Disposal Methods:ALL RECOVERED MATERIAL SHOULD BE PACKAGED,
LABELED, TRANSPORTED, AND DISPOSED OR RECLAIMED IN ACCORDANCE WITH
APPLICABLE LAWS AND REGULAITONS AND IN CONFORMANCE WITH GOOD
ENGINEERING PRACTICES. AVOID LANDFILLING OF LIQUIDS. RECLAIM WHERE
POSSIBLE.

===== Regulatory Information =====

SARA Title III Information:311/312 HAZARD CATEGORIES: IMMEDIATE HEALT

H

(OIL MIST). 313 REPORTABLE INGREDIENTS: NONE.

Federal Regulatory Information: LISTED IN TSCA INVENTORY.

State Regulatory Information:

===== Other Information =====

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