

SOUTH COAST TERMINALS, INC -- 1173 OUTBOARD, TWO-CYCLE OIL TCW-II 122010. --
9150-00-117-8791

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

Product ID:1173 OUTBOARD, TWO-CYCLE OIL TCW-II 122010.

MSDS Date:04/15/1994

FSC:9150

NIIN:00-117-8791

MSDS Number: BXQCL

=== Responsible Party ===

Company Name:SOUTH COAST TERMINALS, INC

Address:7401 WALLISVILLE ROAD

Box:15535

City:HOUSTON

State:TX

ZIP:77020

Country:US

Info Phone Num:713-672-2401 EXT 232

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

CAGE:1L506

=== Contractor Identification ===

Company Name:CHEMICAL SPECIALISTS AND DEVELOPMENT INC

Address:2210 HACKBERRY LN

Box:687

City:CONROE

State:TX

ZIP:77305

Country:US

Phone:409-756-1065

CAGE:4N760

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)

CAGE:1L506

===== Composition

/Information on Ingredients =====

Ingred Name:LUBRICATING BASE OIL CONTAINING ONE OR MORE OF INGREDIENTS
#2 THRU 5.

> Wt:60.

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:SOLVENT DEWAXED RESIDUAL OIL

CAS:64742-62-7

Fraction by Wt: SEE #1%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 AS OIL MIST

ACGIH TLV:5 MG/M3 AS OIL MIST

Ingred Name:RESIDUAL OILS, HYDROTREATED (HYDROTREATED BOTTOMS).

CAS:64742-57-0

Fraction by W

t: SEE #1%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:DISTILLATES, HYDROTREATED HEAVY PARAFFINIC

CAS:64742-54-7

RTECS #:PY8035500

Fraction by Wt: SEE #1%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:300 PPM

ACGIH TLV:300 PPM

Ingred Name:DISTILLATES, SOLVENT-DEWAXED HEAVY PARAFFINIC

CAS:64742-65-0

RTECS #:PY8038500

Fraction by Wt: SEE #1%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 AS OIL MIST

ACGIH TLV:5 MG/M3 AS OIL MIST

Ingred

Name: DISTILLATES, HYDROTREATED LIGHT

CAS: 64742-47-8

= Wt: 20.

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 100 PPM

ACGIH TLV: 100 PPM

Ingred Name: ADDITIVES

= Wt: 15.

Other REC Limits: NONE RECOMMENDED

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

LD50 LC50 Mixture: ACGIH TLV 5MG/M3 FOR MINERAL OIL MIST.

Routes of Entry: Inhalation: YES Skin: YES Ingestion: NO

Reports of Carcinogenicity: NTP: NO IARC: NO OSHA: NO

Health Hazards Acute and Chronic: NO PRODUCT TOXICOLOGY DATA AVAILABLE.

THE HAZARD EVALUATION WAS BASED ON DATA FROM SIMILAR MATERIALS.

Explanation of Carcinogenicity: PER MSDS NONE OF THE OILS ARE LISTED IN NTP, IARC, OSHA AS CARCINOGENIC.

Effects of Overexposure: NONE.

Medical Cond Aggravated by Exposure: NONE SPECIFIED BY MANUFACTURER.

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

First Aid: EYE-FLUSH WITH FRESH WATER FOR 15 MIN. HOLD EYE LIDS OPEN.

REMOVE CONTACT LENSES IF WORN. SEE DOCTOR FOR IRRITATION. SKIN-AS A PRECA

UTION, WASH SKIN WELL W/SOAP & WATER. REMOVE CONTAMINATED

CLOTHING. INGEST-GIVE WATER OR MILK & CALL FOR MEDICAL AVICE.

DON'T INDUCE VOMIT UNLESS DIRECTED BY MEDICAL PERSONNEL. TAKE

PERSON & PRODUCT CONTAINER TO HOSPITAL. INHALE-MOVE PERSON TO FRESH AIR.

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

Flash Point Method: PMCC

Flash Point: =80.C, 176.F

Lower Limits: NDA

Upper Limits: NDA

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

Fire Fig

Handling Procedures:FOR FIRES INVOLVING THIS MATERIAL DON'T ENTER ENCLOSED/CONFINED FIRE SPACE W/O PROPER PROTECTIVE EQUIPMENT, INCLUDING SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:LIQUID EVAPORATES & FORMS VAPOR WHICH CAN CATCH FIRE & BURN WITH EXPLOSIVE VIOLENCE. INVISIBLE VAPOR SPREADS EASILY & CAN BE SET ON FIRE BY IGNITION SOURCES.

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

Spill Release Procedures:CALL 800-424-9300(CHEMTREC). STOP THE SOURCE OF THE LEAK OR RELEASE. CLEANUP RELEASE AS SOON AS POSSIBLE. CONTAIN LIQUID TO PREVENT FURTHER CONTAMINATION OF SOIL, WATER OR GROUND WATER. CLEAN UP SMALL SPILL BY USING SORBENT MATERIAL OR PUMPING.

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

Handling and Storage Precautions:DO NOT USE OR STORE NEAR FLAME, SPARKS OR HOT SURFACES. USE ONLY IN WELL VENTILATED AREA. KEEP CONTAINER CLOSED.

Other Precautions:DO NOT WELD, HEAT OR DRILL CONTAINER. RESIDUE MAY IGNITE WITH EXPLOSIVE VIOLENCE IF HEAT SUFFICIENTLY. CAUTION! DO NOT USE PRESSURE TO EMPTY DRUM OR DRUM MAY RUPTURE WITH EXPLOSIVE FORCE. READ & OBSERVE ALL PRECAUTIONS ON PRODUCT LABEL.

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

Respiratory Protection:NO SPECIAL RESPIRATORY PROTECTION IS NORMALLY REQUIRED. HOWEVER, IF OPERATING CONDITIONS CREATE HIGH AIRBORNE CONCENTRATIONS, THE USE OF AN APPROVED RESPIRATOR IS RECOMMENDED.

Ventilation:USE ADEQUATE VENTILATION TO KEEP AIRBORNE CONCENTRATIONS OF THIS MATERIAL BELOW THE RECOMMENDED EXPOSURE STANDARD.

Protective Gloves:NO SPECIAL PROTECTION USUALLY NECESSARY.

Eye Protection:CHEMICAL GOGGLES.

Other Protective Equipment:AVOID PROLONG/REPEAT SKIN CONTACT. CAN BE MINIMIZED BY WEARING PROTECTIVE CLOTHING. AVOID MATERIAL GETTING INTO EYES.

Work Hygienic Practices:WASH HANDS AFTER HANDLING. LAUNDRY CONTAMINATED CLOTHING PRIOR TO REUSE.

Supplemental Safety and Health

NONE

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

HCC:V4

Boiling Pt:B.P. Text:NDA

Melt/Freeze Pt:M.P/F.P Text:NDA

Decomp Temp:Decomp Text:NDA

Vapor Pres:NDA

Vapor Density:NDA

Spec Gravity:0.87

pH:NDA

Viscosity:25 CST @ 40C

Evaporation Rate & Reference:NDA

Solubility in Water:INSOLUBLE.

Appearance and Odor:NDA

Percent Volatiles by Volume:NDA

Corrosion Rate:NDA

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

Stability Indicator/Materials to Avoid

:YES

MAY REACT W/STRONG OXIDIZNG AGENTS SUCH AS CHLORATES, NITRATES,
PEROXIDES, ETC.

Stability Condition to Avoid:NDA

Hazardous Decomposition Products:NDA

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

Waste Disposal Methods:PLACE CONTAMINATED MATERIALS IN DISPOSABLE
CONTAINERS & DISPOSE OF IN A MANNER CONSISTENT W/APPLICABLE
REGULATIONS. CONTACT LOCAL ENVIRONMENTAL OR HEALTH AUTHORITIES FOR
APPROVED DISPOSAL OF THIS MATE RIAL.

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