

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: BTVSH

=== Responsible Party ===

Company Name:SOUTH COAST TERMINALS, INC.

Address:7401 WALLISVILLE ROAD

City:HOUSTON

State:TX

ZIP:77020

Country:US

Info Pho

ne Num:713-672-2401 EXT 301

Emergency Phone Num:713-672-2401

CAGE:16506

=== 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:MAXOIL MFG CO

Address:302 ARTHUR

Box:City:AMARILLO

State:TX

ZIP:79106

Country:US

CAGE:16506

===== 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 Wt: 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 P

EL: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. MAY CAUSE EYE IRRITATION.

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

Effects of Overexposure:EYE IRRITATION.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYE:FLUSH IMMED W/FRESH H2O FOR @ LEAST 15MINS HOLDING EYELIDS OPEN.REMOVE CONTACT LENSES IF WORN.IF IRRIT PERSISTS SEE DR.SKIN:NO 1ST AID REQUIRED.AS PRECAUTION WASH WELL W/SOAP &WATER.REMO

VE CONTAMI N CLOTH.INGEST:GIVE WATER OR MILK.CALL FOR MED AVICE.DON'T INDUCE VOMIT UNLESS DIRECTED BY MED PERSONNEL.TAKE PERSON & PRODUCT CONTAINER TO MED EMER/HOSP.INHAL:MOVE TO FRESH AIR.IF EFFECTS CONT SEE DR

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

Flash Point Method:PMCC

Flash Point:=79.4C, 175.F

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

Fire Fighting Procedures:FOR FIRES INVOLVING MATL DON'T ENTER ENCLOSED/CONFINED FIRE

SPACE W/O PROPER PTORECT EQPMT(SCBA,ETC).

Unusual Fire/Explosion Hazard:LIQ EVAPORATES,FORMS VAPOR/FUME WHICH CAN CATCH FIRE & BURN W/EXPLOSIVE VIOLENCE.INVISIBLE VAPOR SPREADS EASILY,IGNIT BY IGNIT SOURCES.LIQ FIRE HAZ TEMP >85F.

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

Spill Release Procedures:CALL 800-424-9300(CHEMTREC). DETERMINE IF MATL IS REG IN AREA WHERE USED. STOP LEAK/RELEASE. CLEAN UP ASAP. DIKE & AVOID CONTAMINATING SOIL/SURFACE WATER/UNDE

RGROUND WATER. ABSORBE
MATL OR PUMP SPILL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:DON'T WELD/HEAT/DRILL
CONTAINER.RESIDUE MAY IGNITE W/EXPLOSIVE VIOLENCE IF HEATED
SUFFICIENTLY.CAUTION! DON'T USE PRESSURE TO EMPTY DRUM;RUPTURE
W/FOR

Other Precautions:READ & OBSERVE ALL PRECAUTIONS ON PRODUCT LABEL.DON'T
USE/STORE NEAR FLAME/SPARKS/HOT SURFACES.USE ONLY IN WELL

VENTILATED AREA.KEEP CONTAINER CLOSED.KEEP OUT OF REACH OF
CHILDREN.

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

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

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

Protective Gloves:NO S
PECIAL PROTECTION USUALLY NECASSARY.

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

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

HCC:V4

Spec Gravity:0.87

Viscosity:25 CST @ 40C

Solubility in Water:INSOLU
BLE.

Appearance and Odor:PER MSDS NO DATA AVAILABLE.

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===== 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:PER MSDS NO DATA AVAILABLE;HOWEVER AVOID
TEMPS >85F FOR LIQS & SOURCES OF IGNITION(PILOT LIGHTS,WELDING
EQPMT,ELEC MOTOR

Hazardous Decomposition Products:NORMAL COMBUSTION FORMS CARBON DIOXIDE
& WATER VAPOR; I

INCOMPLETE COMBUSTION CAN PRODUCE CARBON DIOXIDE.

===== 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 MATERIAL.

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