WITCO CHEMICAL CORP SONNEBORN CHEMICAL & REFINING -- REFRIGERATION OIL SUNISCO 3GS -- 9150-00-823-7905
==================== Product Identification =====================

Product ID:REFRIGERATION OIL SUNISCO 3GS
MSDS Date:02/02/1989
FSC:9150
NIIN:00-823-7905
MSDS Number: BJQWJ
=== Responsible Party ===
Company Name:WITCO CHEMICAL CORP SONNEBORN CHEMICAL & REFINING
Address:277 PARK AVE
City:NEW YORK
State:NY
ZIP:10017-6156
Coun
try:US
Emergency Phone Num:504-366-7281
Preparer's Name:PAUL G. TIETZE
CAGE:78369
=== Contractor Identification ===
Company Name:WITCO CHEMICAL CORP SONNEBORN CHEMICAL & REFINING
Address:277 PARK AVE
Box:City:NEW YORK
State:NY
ZIP:10017-6156
Country:US
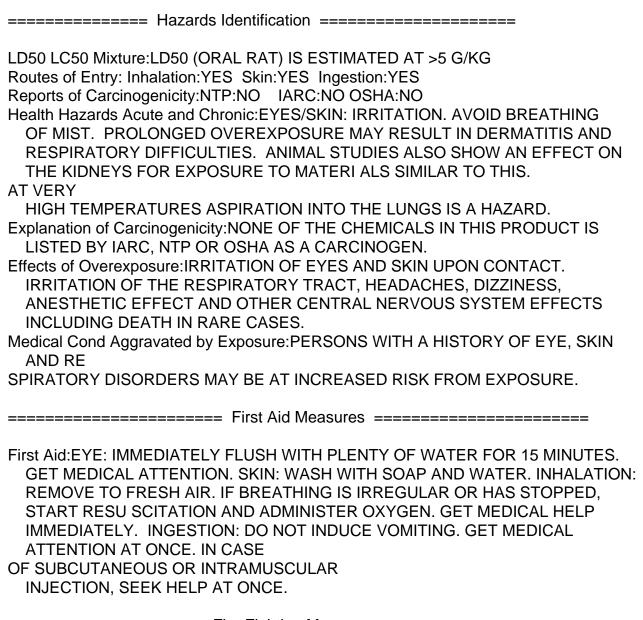Phone:800-424-9300(CHEMTREC)
CAGE:78369

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

Ingred Name:HYDROTREATED HEAVY NAPHTHENIC DISTILLATE, PETROLEUM
CAS:64742-52-5
RTECS #:PY8035000
Other REC Limits:NONE SPECIFIED

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS ESTIMATED AT >5 G/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO   IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES/SKIN: IRRITATION. AVOID BREATHING
   OF MIST. PROLONGED OVEREXPOSURE MAY RESULT IN DERMATITIS AND
   RESPIRATORY DIFFICULTIES. ANIMAL STUDIES ALSO SHOW AN EFFECT ON
   THE KIDNEYS FOR EXPOSURE TO MATERI ALS SIMILAR TO THIS.
AT VERY
   HIGH TEMPERATURES ASPIRATION INTO THE LUNGS IS A HAZARD.
Explanation of Carcinogenicity:NONE OF THE CHEMICALS IN THIS PRODUCT IS
   LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.
Effects of Overexposure:IRRITATION OF EYES AND SKIN UPON CONTACT.
   IRRITATION OF THE RESPIRATORY TRACT, HEADACHES, DIZZINESS,
   ANESTHETIC EFFECT AND OTHER CENTRAL NERVOUS SYSTEM EFFECTS
   INCLUDING DEATH IN RARE CASES.
Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF EYE, SKIN
   AND RE
SPIRATORY DISORDERS MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:EYE: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES.
   GET MEDICAL ATTENTION. SKIN: WASH WITH SOAP AND WATER. INHALATION:
   REMOVE TO FRESH AIR. IF BREATHING IS IRREGULAR OR HAS STOPPED,
   START RESU SCITATION AND ADMINISTER OXYGEN. GET MEDICAL HELP
   IMMEDIATELY. INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL
   ATTENTION AT ONCE. IN CASE
OF SUBCUTANEOUS OR INTRAMUSCULAR
   INJECTION, SEEK HELP AT ONCE.

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

Flash Point Method:COC
Flash Point:>300F,>149C
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, SAND/EARTH OR
   DRY CHEMICAL.
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.
Unusual Fire/Explosion Hazard:COMBUST

ION OR HEAT OF FIRE MAY PRODUCE
  HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT, ELIMINATE SOURCES
  OF IGNITION, AND VENTILATE AREA AS REQUIRED. RECOVER FREE LIQUID.
  ABSORB SMALL SPILL WITH INERT MATERIAL. PLACE WASTE IN DOT APPROVED
  CONTAINER FOR DISPOSA L. KEEP MATERIAL FROM WATERWAYS.
Neutralizing Agent:NONE

===================== Handling and Storage =======
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Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED
  AREA AWAY FROM SOURCES OF IGNITION. KEEP CONTAINER CLOSED WHEN NOT
  IN USE. PROTECT FROM PHYSICAL DAMAGE.
Other Precautions:AVOID BREATHING OF MIST. MINIMIZE PERIODS OF
  EXPOSURE TO HIGH TEMPERATURE. AVOID WATER CONTAMINATION.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION
  EXPOSURES BELOW PEL (TLV), USE NI
OSH/MSHA APPROVED RESPIRATOR AS
  PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND
  NIOSH-RESPIRATOR SELECTION.
Ventilation:MECHANICAL (GENERAL) VENTILATION IS USUALLY ADEQUATE.
Protective Gloves:RUBBER GLOVES OR OTHER OIL RESISTANT.
Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES
Other Protective Equipment:SAFETY SHOWER AND EYE BATH. INDUSTRIAL TYPE
  WORK CLOTHING AND APRON AS REQUIRED TO AVOID PROLONGED OR REPEATED
  CONTACT.
Work Hygienic Practices:WASH THOROUGHLY AFTER
HANDLING AND BEFORE
  EATING OR DRINKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.
Supplemental Safety and Health
USE AIR-SUPPLIED RESPIRATORY EQUIPMENT IF EXPOSED TO HOT FUMES. TREAT
  EMPTY CONTAINERS AS DANGEROUS; DO NOT PRESSURIZE, CUT, WELD, BRAZE,
  SOLDER, DRILL, GRIND OR EXPOSE CONTAINERS TO HEAT, FLAME, SPAR KS,
  PILOT LIGHTS, STATIC ELECTRICITY. RESIDUE MAY BE DIFFICULT TO
  REMOVE.

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

HCC:V6
Boiling Pt:

B.P. Text:>500F,>260C
Vapor Pres:10
Spec Gravity:0.91
Evaporation Rate & Reference:NEGLIGIBLE
Solubility in Water:INSOLUBLE
Appearance and Odor:CLEAR VISCOUS LIQUID, AMBER COLOR, PETROLEUM ODOR

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS
Stability Condition to Avoid:EXTREMELY HIGH TEMPERATURES
Hazardous Decomposition Products:CARBON DIOXIDE,CARBON MONOXIDE,
    ALDEHYDES AND KETONES, AND OTHER COMBUS
TION PRODUCTS.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE
    FEDERAL, STATE AND LOCAL REGULATIONS.