

ISONEL 31-398

MSDS Number

BCFCG

National Stock Number

8010-00N000294

Product Name

ISONEL 31-398

Manufacturer

SCHENECTADY INTL INC WAS SCHENECTADY CHEMICALS INC

Product Identification

Product ID: ISONEL 31-398

MSDS Date: 05/23/1991

FSC: 8010

NIIN: 00N000294

MSDS Number: BCFCG

Responsible Party

SCHENECTADY INTL INC/WAS SCHENECTADY CHEMICALS INC

10TH AVE AND CONGRESS ST

SCHENECTADY , NY 12301

US

Emergency Phone: 518-370-4200

Info Phone: 518-370-4200

Cage: 88577

Contractor

SCHENECTADY INTL INC/WAS SCHENECTADY CHEMICALS INC

1046

SCHENECTADY, NY 12301

US

518-370-4200

Cage: 88577

Ingredients

8

CAS: 1330-20-7

RTECS: ZE2100000

Fraction By Weight: 20-30%

OSHA PEL100 PPM; 150 STEL

ACGIH TLV: 100 PPM; 150 STEL

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

HYDROTREATED LIGHT PETROLEUM DISTILLATE; (MINERAL SPIRITS

CAS: 64742-47-8

Fraction By Weight: 20-30%

4 LB/GAL

RTECS: 9999999VO

CAUSE NOSE & THROAT IRRITATION, DIZZINESS,

RTECS: 9999999ZZ

OBTAIN PROMPT MED ATTN. IF MED

RTECS: 9999999ZZ

TO FOLLOW INSTRUCTIONS, GET PERS TO SWALLOW LGE AMTS

RTECS: 9999999ZZ

ANY CLEANING & RINSING MEDIA FOR PROPER

RTECS: 9999999ZZ

COLLECTED MATL. CONT APPROP AUTH & DISP ACCORDING TO

RTECS: 9999999ZZ

CLTHG SHOULD BE RESTRICTED FROM AREAS OF SPILLS UNTIL

RTECS: 9999999ZZ

& EXTENT OF EXPOSURE.

RTECS: 9999999ZZ

MOUNTED ORG VAP CANISTER. IN AN EMER ANY SCBA

RTECS: 9999999ZZ

POSITIVE PRESSURE MODE. FOR MORE SPECIFIC

RTECS: 9999999ZZ

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:ORGANS AFFECTED:SKIN, EYES, NOSE, THROAT, LUNGS, LIVER, KIDNEY, CNS, RESP SYS, BLOOD & GI TRACT.

XYLENE: (ACUTE):SKIN-ABSORP CAUSES DIZZ, EXCITEMENT, DROW, STAG GAIT & INCOHERENCE. CONT CAUSES DERM. E YES-CAUSES IRRIT & CORNEAL VACUOLIZATION. INGEST-CAUSES ANOREXIA, NAUS, VOM & ABDOM PAIN. IRRITATES (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:HLTH HAZ:NOSE & THROAT. INHAL:CAUSES DIZZ, EXCITEMENT, DROW, INCOHERENCE & STAG GAIT; IRRITATES EYES, NOSE & THROAT. (CHRONIC):SKIN-RPTD/PRLNGD EXPOS MAY CAUSE SKIN RASH. EYES-RPTD EXPOS TO HIGH CONC OF XYLENE VAP MAY CAUSE REVERSIBLE EYE DAM. A NATIONAL TECHNICAL INFORMATION SERVICE (NTIS) REPORT

(9/84) (SUPP DATA)

Medical Cond Aggravated by Exposure:A REVIEW OF AVAILABLE DATA INDICATES ANY PREEXISTING ABNORMAL CONDITIONS WITH THE LISTED TARGET ORGANS AND/OR THE LIVER MAY BE AGGRAVATED BY EXPOSURE TO THIS MATERIAL.

First Aid

First Aid:EYES:WASH IMMED W/LGE AMTS OF WATER FOR AT LEAST 15 MINS, LIFTING LOWER/UPPER LIDS OCCASNL. IF IRRIT/BURNS DEVELOPS, GET MED ATTN PROMPTLY. SKIN:WASH W/WATER. IF PENETRATION THRU CLTHG, REMOVE CLTHG & FLUSH SKIN W/WATER. IF SENSIT/IRRIT/BURNS DEVELOP, GET MED ATTN PROMPTLY. INHAL:MOVE PERS TO FRESH AIR AT ONCE. IF BRTHG STOPS, PERFORM ARTF RESP. KEEP WARM/AT REST WHILE GETTING MED ATTN. (ING 5)

Fire Fighting

Flash Point:91.0F,32.8C
Lower Limits:SEE INGREDIENTS
Upper Limits:SEE INGREDIENTS
Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM & FOG.
Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT . EXCLUDE AIR; TREAT LIKE A GASOLINE OR OIL FIRE.
Unusual Fire/Explosion Hazard:WHEN HEATED TO DECOMPOSITION IT MAY EMIT TOXIC FUMES

Accidental Release

Spill Release Procedures:STOP SOURCE OF SPILL & REMOVE IGNIT SOURCES. VENT AREA. CONTAIN & PVNT MATL FROM OBTAINING ACCESS TO ANY CONFINED SPACES/SEWERS/WATERWAYS. COLLECT USING ABSORB/NON-SPARKING TOOLS/EXPLOS PROOF VACUUMS/ OTHER EQUIP. DECONTAM AREA, COLLECTING (ING 7)
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:STORE MATERIAL IN COOL, VENTILATED, DRY AREA (40-80 F). KEEP CONTAINERS CLOSED WHEN NOT IN USE, AND GROUNDED AT ALL TIMES.
Other Precautions:IN HAZ SITUATION, IF PERS IS "OVERCOME", IMMED CONT MED AUTH & IMPLEMENT APPROP EMER RESCUE PROCS. DO NOT BECOME A CASUALTY. FOLLOW FACILITY'S EMER PROCS & UTILIZE PROT EQUIP AS NEC. FOLLOW FIRST AID PROCS DEPENDING UPON TYPE (ING 10)

Exposure Controls

Respiratory Protection:CONSULT NIOSH POCCKED GUIDE (9/85) FOR FULL INFO. WEAR NIOSH/MSHA APPRVD RESP: AT 1000 PPM-ANY CHEM CARTRIDGE RESP W/ORG VAP CARTRIDGE. AT 5000 PPM-ANY AIR-PURIFYING FULL FACEPIECE RESP (GAS MAKS) W/A CHIN-STYLE OR FRONT- OR BACK- (ING 11)
Ventilation:REQUIRED. MAINTAIN VAPOR LEVELS BELOW CITED TLV OR EXPLOSION LIMITS FOR MENTIONED HAZARDOUS MATERIAL.
Protective Gloves:IMPERVIOUS GLOVES.
Eye Protection:CHEM WORK GOG & FULL LENGTH FSHLD
Other Protective Equipment:WEAR APPROPRIATE CLEAN, PROTECTIVE CLOTHING.
Work Hygienic Practices:KEEP CONTACT (BODY) AREAS CLEAN. CONTACT LENSES SHOULD NOT BE WORN WHEN WORKING W/THIS MATERIAL.
Supplemental Safety and Health
EFTS OF OVEREXP:PRESENTS DATA THAT XYLENES & P-XYLENE HAVE TERATOGENIC POTNTL AS INDICATED BY FETAL SKELETAL ABNORMS. MINERAL SPIRITS: (ACUTE):SKIN-CONT CAN CAUSE DRY, CRACKED SKIN & IRRIT. EYES:CAN CAUSE IRRIT W/STINGING, TEARING & REDNESS. INGEST:MAY CAUSE GI TRACT IRRIT, NAUS & NERV SYS DEPRESS. INHAL:CAN (ING 4)

Chemical Properties

HCC:F4
Boiling Pt:B.P. Text:>300F,>149C
Vapor Pres:SEE INGREDIENTS
Vapor Density:> AIR

Spec Gravity:0.920-0.940
Evaporation Rate & Reference:< ETHER
Solubility in Water:NO
Appearance and Odor:CLEAR AMBER LIQUID WITH HYDROCARBON ODOR (@25 C)

Stability

Stability Indicator/Materials to Avoid:YES
AVOID STRONG OXIDANTS, STRONG OXIDIZING AGENTS OR BASES & SELECTED AMINES.
Stability Condition to Avoid:AVOID ANY HEAT, SPARKS OR STATIC ELECTRICITY
Hazardous Decomposition Products:ON THERMAL DECOMPOSITION IT MAY EMIT TOXIC FUMES, INCLUDING CARBON MONOXIDE & CARBON DIOXIDE.
Conditions to Avoid Polymerization:DURING A CURING/RXN PROCESS, TOX BYPRODS MAY BE EMITTED. DO NOT REROUTE VENTED GASES BACK INTO WORK AREA.

Disposal

Waste Disposal Methods:DISPOSAL MUST BE IN ACCORDANCE W/FEDERAL, STATE & LOCAL REGULATIONS .

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