

MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-718/71819-51-7.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

71819-51-7

Code:

M

RTECS:

Code:

X

Name:

C.I. SOLVENT RED 164

Other REC Limits:

NONE RECOMMENDED

OSHA PEL:

NOT ESTABLISHED

Code:

M

OSHA STEL:

Code:

ACGIH TLV:

NOT ESTABLISHED

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR AN EMERGENCY OCCURS; WEAR AN MSHA/NIOSH APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE OR AN AIR-SUPPLIED RESPIRATOR OR SCBA, AS REQUIRED. USE IAW 29 CFR 1910.134.

Ventilation:

USE EXPLOSION-PROOF LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:

IMPERVIOUS-NEOPRENE, PVA, VITON.

Eye Protection:

SAFETY GLASSES/CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:

Equipment EYE WASH STATION &SAFETY SHOWER.

Work Hygienic Practices:

WASH HANDS AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health:

EMPTY CONTAINER WARNING: THIS CONTAINER HAZARDOUS WHEN EMPTY! FOLLOW LABEL WARNINGS, EVEN AFTER CONTAINER EMPTY, DUE TO PRODUCT RESIDUES PRESENT. DO NOT USE HEAT, SPRAKS, OPEN FLAMES, TORCHES, CIGARETTES ON OR NEAR CONTAINERS. DO NOT REUSECONTAINER, W/O PROFESSIONAL CLEANING, FOR FOOD, CLOTHING, ETC.

Health Hazards Data

LD50/LC50/Mixture:

NONE SPECIFIED BY MANUFACTURER.

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

NO

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

2 ACUTE: INHALATION MAY CAUSE RESPIRATORY IRRITATION & CNS DEPRESSION. INGESTION MAY CAUSE GI TRACT IRRITATION. CAUSES EYE & SKIN IRRITATION. CONTAINS MATERIAL WHICH MAY CAUSE LIVER & KIDNEY DAMAGE. CHRONIC: PROLONGED/REPEATED EXPOSURE MAY CAUSE DAMAGE TO LIVER, KIDNEY, CNS, BLOOD/BLOOD-FORMING ORGANS, LUNGS, SKIN, EYES.

Explanation Of Carcinogenicity:

NO INGREDIENT OF A CONCENTRATION OF 0.1% OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Signs And Symptoms Of Overexposure:

INHALED-DIZZINESS, HEADACHES, INCOORDINATION, NAUSEA, VOMITING, STOMACH UPSET, WHEEZING, COUGHING, SHORTNESS OF BREATH, TIGHTNESS IN CHEST. INGESTED-IRRITATION OF MOUTH/THROAT/STOMACH, NAUSEA, VOMITING, DIARRHEA, DIZZINESS, FAINTNESS, HEADACHE, INCOORDINATION, SKIN-REDNESS, ITCHING, BURNING SENSATION. EYES-BURNING SENSATION, TEARING, REDNESS

Medical Cond Aggravated By Exposure:

LIVER, KIDNEYS, NERVOUS SYSTEM, BLOOD/BLOOD-FORMING ORGANS, LUNGS, RESPIRATORY SYSTEM, SKIN.

First Aid:

IN ALL CASES GET PROMPT MEDICAL ATTENTION. EYES-FLUSH WITH WATER FOR 15 MINUTES. SKIN-REMOVE CONTAMINATED CLOTHES. WASH WITH MILD SOAP & WATER. INHALED-REMOVE TO FRESH AIR. ADMINISTER OXYGEN OR ARTIFICIAL RESPIRATION AS NEEDED. INGESTED-INDUCE VOMITING ONLY IF DIRECTED BY MEDICAL PERSONNEL. DO NOT GIVE ANYTHING BY MOUTH IF UNCONSCIOUS.

Spill Release Procedures:

ISOLATE HAZARD AREA. DENY ENTRY. ELIMINATE ALL SOURCES OF IGNITION. SAFELY DISCHARGE. CONTAIN SPILL. KEEP OUT OF BODIES OF WATER & KEEP OUT OF SOIL. USE PROPER PROTECTIVE EQUIPMENT. COVER WITH ABSORBENT. COLLECT IN CHEMICAL WASTE CONTAINER.

Neutralizing Agent:

NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:

DISPOSE OF IAW LOCAL, STATE & FEDERAL ENVIRONMENTAL REGULATIONS. EPA HAZWASTE NUMBER D001 MAY APPLY TO UNUSED/UNCONTAMINATED. SPILLS MUST BE REPORTED IAW CERCLA TO NATIONAL RESPONSE CENTER AT 800-424-8802: XYLENE RQ=100 LB; ETHYL BENZENE RQ=1000 LB.

Handling And Storage Precautions:

STORE IN A COOL, DRY, WELL-VENTILATED PLACE AWAY FROM HEAT, IGNITION SOURCES AND INCOMPATIBLE MATERIALS. KEEP OUT OF DIRECT SUNLIGHT.

Other Precautions:

CONTAINERS WILL BE PROPERLY BONDED & GROUNDED BEFORE OPENING, POURING, DISPENSING. OPEN WOTH NON-SPARKING TOOLS. PRODUCT MAY CONTAIN TRACE QUANTITIES OF AROMATIC AMINES, ORTHO-TOLUIDINE & ANILINE-MINI MIZE EXPOSURE BY PROPER HANDLING.

Fire and Explosion Hazard Information

Flash Point Method:

SCC

Flash Point:

83.0F, 28.3C

Autoignition Temp:

N/K

Lower Limits:

1

Upper Limits:

7

Extinguishing Media:

3 WATER FOG, CARBON DIOXIDE, DRY CHEMICAL, FOAM. WATER MAY BE INEFFECTIVE.

Fire Fighting Procedures:

WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL FIRE FIGHTER'S PROTECTIVE GEAR. USE WATER TO COOL FIRE EXPOSED CONTAINERS.

Unusual Fire/Explosion Hazard:

HIGH TEMPERATURES MAY CAUSE CONTAINERS TO RUSTURE. VAPORS CAN TRAVEL TO SOURCE OF IGNITION AND FLASH BACK. FIRE MAY PRODUCE IRRITATING & HIGHLY TOXIC GASES.

Physical/Chemical Properties

H3C:

N/R State Lic No:

N/R

Net Prop WT For Ammo:

N/R

Boiling Point:

279F, 137C

Melt/Freeze Pt:

N/P

M.P/F.P Text:

UNKNOWN

Decomp Temp:

N/K

Decomp Text:

UNKNOWN

Vapor Pres:

5.1

Vapor Density:

UNKNOWN

Volatile Org Content %:

UNKNOWN

Spec Gravity:

0.99

VOC Pounds/Gallon:

N/R

PH:

N/R

VOC Grams/liter:

N/R

Viscosity:

UNKNOWN

Evaporation Rate & Reference:

9.5 (ETYL ETHER=1)

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