

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-642/6428-31-5.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

6428-31-5

Code:

M

RTECS:**Code:**

X

Name:

BLACK #19

Other REC Limits:

NONE RECOMMENDED

OSHA PEL:

NOT ESTABLISHED

Code:

M

OSHA STEL:**Code:**

5

ACGIH TLV:

NOT ESTABLISHED

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

USE NIOSH APPROVED RESPIRATOR APPROPRIATE FOR CONCENTRATION OF VAPOR OR MIST. 7

Ventilation:

PROVIDE GOOD VENTILATION.

Protective Gloves:

WEAR SOLVENT RESISTANT GLOVES

Eye Protection:

WEAR GOGGLES,WEAR FACE SHIELD

Other Protective Equipment:

Equipment WEAR OTHER CLOTHING AS NEEDED TO PREVENT EXPOSURE.HAVE CONVENIENT EYE WASH STATIONS.

Work Hygienic Practices:

NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health:

FIREFIGHT:FLASHBACK.AVOID FLOW OF MATL INTO SEWERS.SEE MSDS FOR PERSONAL PROTECTION. HEALTH:INTO LUNGS EFFECTS ARE SAME AS FOR INHAL ABOVE.INHAL/SKIN/EYE/INGEST:NO CHRONIC EFFECTS KNOWN.

Health Hazards Data

LD50/LC50 Mixture:

NONE SPECIFIED BY MANUFACTURER.

Route Of Entry Inds - Inhalation:

NO

Skin:

YES

Ingestion:

NO

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

INHAL:REP/EXCESSIVE VAP/MIST/SPRAY INHAL CAN CAUSE IRRIT,CHEM PNEUMONIA,DIZZ,NAU.INTENTIONAL MISUSE BY DELIBERATELY CONCEN/INHAL VAP MAY BE HARMFUL/FATAL.SKIN:REP/EXCESSIVE CONTACT CAN CAUSE BLISTERS/ RASH DUE TO DEFATTING ACTION.EYE:CAUSES IRRIT.INGEST:CAUSES DIGESTIVE SYST UPSETS,DIZZ,NAU,MAY BE FATAL.IF SUCKED(SUPPL)

Explanation Of Carcinogenicity:

PER MSDS:CARCINOGEN:NO. CALIFORNIA PROP 65:NONE.

Signs And Symptoms Of Overexposure:

INHAL IRRIT, CHEMICAL PNEUMONIA, DIZZINESS, NAUSEA. HARMFUL/FATAL. BLISTERS/RASH, EYE IRRIT, DIGESTIVE SYSTEM UPSETS, DIZZINESS, NAUSEA, FATAL.

Medical Cond Aggravated By Exposure:

NONE SPECIFIED BY MANUFACTURER.

First Aid:

IN ALL CASES GET PROMPT MED ATTN IF EFFECTS PERSIST.KEEP OUT OF REACH OF CHILDREN.INHAL:REMOVE TO FRESH AIR.USE ART RESP & OXY IF NEEDED.SKIN:REMOVE CONTAM CLOTH,AVOID IGN SOURCES.WASH AREAS WELL W/SO AP/WATER.EYE:FLUSH W/WATER FOR 15MINS.GET MED ATTN IF EFFECTS PERSIST.INGEST:RINSE MOUTH.DONT INDUCE VOMIT.GET PROMPT MED ATTN ESPECIALLY IF LIQUID IS SUCKED INTO LUNGS.

Spill Release Procedures:

REMOVE ALL IGN SOURCES,USE SPARK PROOF EQPMT.PROVIDE GOOD VENTILATION.TAKE UP SPILLS W/ABSORBENT OR BY PUMPING & UT INTO CLSD CNTNRS.AVOID FLOW TO SEWERS.FLOORS MAY BE SLIPPERY.SEE MSDS FOR OTHER PROTECTIVE MEASURES. 6

Neutralizing Agent:

NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:

IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.IS RCRA HAZ WASTE(D001-IGNITABLE).SARA TITLE III:NONE.

Handling And Storage Precautions:

AVOID SWALLOWING OR SUCKING INTO LUNGS.KEEP AWAY FROM IGN OR HEAT SOURCES.STORE IN COOL & VENTI PLACES,BUT AVOID FREEZING.KEEP CNTNRS CLOSED.

Other Precautions:

EMPTY CONTAINERS:DO NOT CUT OR WELD ON EMPTY CNTNRS BEFORE THOROUGHLY CLEANING.RINSE THOROUGHLY BEFORE HNDLG/REUSE/DISPO.

Fire and Explosion Hazard Information

Flash Point Method:**Flash Point:****Flash Point Text:**

130F,54C

Autoignition Temp:**Autoignition Temp Text:**

NP

Lower Limits:

N/AV

Upper Limits:

N/AV

Extinguishing Media:

WATER SPRAY, ALCOHOL FOAM, CARBON DIOXIDE, DRY CHEMICAL.

Fire Fighting Procedures:

TREAT AS COMBUSTIBLE LIQ FIRE.KEEP UNIGNITED CNTNS COOL W/H2O.VAP THAT ARE HEAVIER THAN AIR MAY COLLECT IN LOW AREAS,MAY TRAVEL TO DISTANT IGN SOURCE &(SUPPLEM)

Unusual Fire/Explosion Hazard:

NONE SPECIFIED BY MANUFACTURER.

Physical/Chemical Properties

F4:**NRC/State Lic No:**

N/R

Net Prop WT For Ammo:**Boiling Point:****B.P. Text:**

N/AV

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

N/AV

Decomp Temp:**Decomp Text:**

NP

Vapor Pres:

N/AV

Vapor Density:

N/AV

Volatile Org Content %:**Volatile Org Content % Text:**

NP

Spec Gravity:

1.013

VOC Pounds/Gallon:**VOC Pounds/Gallon Text:**

NP

PH:

9.0 8

VOC Grams/Liter:**Viscosity:**

NP

Evaporation Rate & Reference:

N/AV

Solubility in Water:**DISPERSEABLE:****Appearance and Odor:**

GREEN CREAMY LIQUID, SOLVENT ODOR.

Percent Volatiles by Volume:

82.0

Corrosion Rate:

NP

Conditions To Avoid Polymerization:

NOT APPLICABLE

Toxicological Information

Information: