

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-156/156-60-5.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
156-60-5

Code:
M

RTECS:
KV9400000

Code:
M

Name:
TRANS-1,2-DICHLOROETHYLENE (SEE RTTECS KV9360000

Other REC Limits:

N/K

OSHA PEL:

NOT ESTABLISHED

Code:
M

OSHA STEL:

Code:

ACGIH TLV:

NOT ESTABLISHED

Code:
M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

WEAR NIOSH/MSHA APPROVED PRESSURE-DEMAND, SELF-CONTAINED BREATHING APPARATUS. REPACKAGED OR HANDLED IN BULK QUANTITIES, USE A HALF OR FULL FACEPIECE ORGANIC VAPOR CHEMICAL CARTRIDGE OR CANISTER RESPIRATOR.

Ventilation:

USE LOCAL EXHAUST/MECHANICAL VENTILATION TO KEEP

Protective Gloves:

VITRON, SILVER SHIELD

Eye Protection:

SPLASHPROOF GOGGLES 3

Other Protective Equipment:

Equipment BOOTS, APRONS, OR CHEMICAL SUITS, PROTECTIVE CLOTHING.

Work Hygienic Practices:

REMOVING CONTAMINATED CLOTHING/SHOES BEFORE REUSE OR DISCARD. DON'T SWALLOW, EAT, DRINK OR SMOKE IN WORK AREAS.

Supplemental Safety and Health:

ANY SPILL OR LEAK HAS THE POTENTIAL TO CAUSE UNDERGROUND WATER CONTAMINATION WHICH MAY, IF SUFFICIENTLY SEVERE, RENDER A DRINKING WATER SOURCE UNFIT FOR HUMAN CONSUMPTION.

Health Hazards Data

LD50/LC50 Mixture:

N/K

Route Of Entry Inds - Inhalation:

YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:

NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:

INHALATION: CNS DEPRESSANTS, IRRITATION OF THE RESPIRATORY SYSTEM, DIZZINESS, NAUSEA, HEADACHE, LOSS OF COORDINATION & EQUILIBRIUM, UNCONSCIOUSNESS, CNS DAMAGE/DEATH. EYE: REDNESS/IRRITATION. SKIN: IRITATION, DERMATITIS/REDNESS. INGESTION: IRRITATION OF THE MOUTH/GI TRACT.

Explanation Of Carcinogenicity:

NONE

Signs And Symptoms Of Overexposure:

INGESTION: VOMITING/ASPIRATION INTO THE LUNGS MAY LEAD TO CHEMICAL PNEUMONIA/PULMONARY EDEMA WHICH IS A POTENTIALLY FATAL CONDITION. INGESTION: MAY BE FATAL OR CAUSE BLINDNESS. THIS PRODUCT CONTAINS M ETHANOL CAN'T BE MADE NON-POISONOUS. INCREASED SENSITIVITY OF THE HEART TO ADRENALINE MAY BE CAUSE BY OVEREXPOSURE.

Medical Cond Aggravated By Exposure:

N/K

First Aid:
INHALATION: REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN. CALL PHYS. EYES: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINS. CONSULT PHYS. SKIN: WASH W/SOAP & WATER, WHILE REMOVING CONTAMINATED CLOTHING/SHOES BEFORE REUSE OR DISCARD. CONSULT PHYS. INGESTION: IF CONSCIOUS, DRINK LARGE QTYS OF WATER, THEN INDUCE VOMITING. DON'T ATTEMPT TO GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

Spill Release Procedures:

REMOVE ALL SOURCES OF IGNITION. DIKE AREA TO CONTAIN SPILL. TAKE PRECAUTIONS AS NECESSARY TO PREVENT CONTAMINATION OF GROUND/SURFACE WATERS. RECOVER SPILLED MATERIAL ON 2 ADOORBENTS, SAWDUST, VERMICULITE/SWEEP INTO CLOSED CONTAINERS FOR DISPOSAL.

Neutralizing Agent:

N/K

Waste Disposal Methods:

IT'S YOUR DUTY TO DISPOSE OF THE CHEMICAL MATERIALS/CONTAINERS IN ACCORDANCE W/CLEAN AIR/WATER ACT, THE RESOURCE CONSERVATION/RECOVERY ACT, AS WELL AS ANY OTHER RELEVANT FEDERAL, STATE, OR LOCAL LAWS/REGS REGARDING DISPOSAL. FLAMMABLE LIQUID.

Handling And Storage Precautions:

KEEP CONTAINER CLOSED WHEN NOT IN USE. STORE ONLY IN CLOSED, PROPERLY LABELED CONTAINERS. DON'T BREATHE VAPORS. AVOID CONTACT W/EYES & SKIN.

Other Precautions:

DON'T USE CUTTING OR WELDING TORCHES ON EMPTY DRUMS THAT CONTAIN STRIPAR XAM 100 UNLESS PROPERLY PURGED/CLEANED. CAUTION SHOULD BE TAKEN NOT TO USE IN PRESSURIZED OR TOTALLY ENCLOSED SYSTEM OF ALUMINUM CONSTRUCTION. DON'T FLUSH TO SEWER.

Fire and Explosion Hazard Information

Flash Point Method:

TCC

Flash Point:

Flash Point Text:

20F

Autoignition Temp:

Autoignition Temp Text:

N/A

Lower Limits:

9.7%

Upper Limits:

12.8%

Extinguishing Media:

WATER, DRY CHEMICALS OR CO2

Fire Fighting Procedures:

FIRE FIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:

CHLORINATED SOLVENT VAPORS ARE > AIR & WILL COLLECT IN LOW AREAS.

Physical/Chemical Properties

HCC:

NRC/State IC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:

48C

Melt / Freeze Pt:

M.P./F.P. Text:

<50C

Decomp Temp:

Decomp Text:

N/K

Vapor Pres:

300

Vapor Density:

3

Volatile Org Content %:

Spec Gravity:

1.146

VOC Pounds/Gallon:

PH: 9.0-10

VOC Grams/Liter:

Viscosity:

N/P

Evaporation Rate & Reference:

N/R

DISPERSABLE:

Appearance and Odor:

OPAQUE, LIGHT YELLOW TO ORANGE VISCOS LIQUID.

90-Percent Volatiles by Volume:

90%

Corrosion Rate:

N/K

Conditions To Avoid Polymerization:

N/K

Toxicological Information:

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Regulatory Information

Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information

Other Information: N/P

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