

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-131/13194-48-4.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

13194-48-4

Code:

M

RTECS:

TE4025000

Code:

M

Name:

ETHOPROP

Other REC Limits:

N/K

OSHA PEL:

N/K

Code:

M

OSHA STEL:**Code:****ACGIH TLV:**

N/K

Code:

M N/P

ACGIH STEL:

EPA Rpt Qty: DOT Rpt Qty: Ozone Depleting Chem

Code:

1 ACGIH STEL:

Control Measures

Respiratory Protection:

USE NIOSH/MSHA APPROVED AIR PURIFYING RESPIRATOR W/APPROPRIATE CARTRIDGE.

Ventilation:

ADEQUATE & LOCAL EXHAUST

Protective Gloves:

RUBBER

Eye Protection:

GOGGLES & FACE SHIELD

Other Protective Equipment:

Equipment EYE WASH FOUNTAIN, SAFETY SHOWER & OXYGEN CYLINDER OR OXYGEN RESUSCITATOR.

Work Hygienic Practices:

LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. DISCARD CONTAMINATED SHOES. WASH THROUGHLY HANDS/FACE/ARMS. 3

Supplemental Safety and Health:

PHYSICIAN NOTE: SUPPORT RESPIRATION. IF CYANOSIS IS ABSENT, GIVE ATROPHINE 2-4 MG INTRAVENOUSLY. START 2-PAM AT SAME TIME. A SECOND DOSE MAY BE GIVEN AFTER ONE HOUR IF MUSCLE WEAKNESS PERSISTS.

Health Hazards Data

LD50/LC50 Mixture:

ORAL LD50(RAT): 348 MG/KG

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

YES

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

INGESTION: HARMFUL. EYES: BURN/HARMFUL. SKIN: HARMFUL ABSORPTION. INHALATION: HARMFUL/CHOLINESTERASE INHIBITOR/NAUSEA/VOMITING/ABDOMINAL CRAMP/DIARRHEA/SALIVATION/HEADACHE/DIZZINESS/WEAK/BLURRED VISION/TEAR/MUSCLE UNCOORDINATION & TWITCH/SLURRED SPEECH/MENTAL CONFUSION/DROWSINESS/NOSE RUNS/BREATHING DIFFICULTY.

Explanation Of Carcinogenicity:

NONE

Signs And Symptoms Of Overexposure:

INGESTION: FATAL. EYES: FATAL. SKIN: TOXIC/FATAL ABSORPTION. INHALATION: TOXIC/FATAL/CHOLINESTERASE INHIBITOR/DIARRHEA/PIN-POINT & NON-REACTIVE PUPILS/RESPIRATORY DIFFICULTY/PULMONARY EDEMA/CYANOSIS/LOSS OF SPHINCTER CONTROL/CONVULSIONS/COMA.

Medical Cond Aggravated By Exposure:

N/K

First Aid:

EYES: WASH W/WATER. SKIN: WASH W/WATER & SOAP. WASH W/95% ETHYL ALCOHOL. INHALATION: REMOVE TO FRESH AIR. GIVE CPR. INGESTION: DRINK 1 OR 2 GLASSES OF WATER/INDUCE VOMITING BY TOUCHING BACK OF THROAT W/FINGER. DON'T INDUCE VOMITING OR GIVE ANYTHING BY MOUTH IF UNCONSCIOUS. PERSONS PROVIDING FIRST AID SHOULD PREVENT CONTAMINATION OF THEMSELVES. OBTAIN MEDICAL ATTENTION IN ALL CASES. SEE SUPP

Spill Release Procedures:

ADD HYDRATED LIME/SODA ASH TO CONTAMINATED AREA & MOISTEN W/WATER. SHOVEL SPILLAGE INTO STEEL DRUMS. FLUSH AREA W/5% SODIUM HYDROXIDE OR TRISODIUM PHOSPHATE. ABSORB WASHING & ADD TO DRUM & SEAL.

Neutralizing Agent:

2 N/K

Waste Disposal Methods:

DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS.

Handling And Storage Precautions:

WASH HANDS/ARMS/FACE THROUGHLY W/SOAP & WATER AFTER & BEFORE EATING/DRINKING/SMOKING/ OR USING THE TOILET. STABLE FOR AT LEAST 2 YEARS.

Other Precautions:

KEEP TIGHTLY CLOSED CONTAINERS IN A COOL, DRY PLACE. KEEP OUT OF REACH OF CHILDREN & ANIMALS. DON'T CONTAMINATE WATER SOURCES.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

N/P

Flash Point Text:

NONE

Autoignition Temp:

N/A

Autoignition Temp Text:

N/A

Lower Limits:

N/R

Upper Limits:

N/R

Extinguishing Media:

WATER FOG, FOAM, CO₂, DRY CHEMICAL

Fire Fighting Procedures:

USE SELF-CONTAINED BREATHING APPARATUS & RECOMMENDED PROTECTIVE EQUIPMENT

Unusual Fire/Explosion Hazard:

NONE

Physical/Chemical Properties

HCC:**NRC/State LIC No:****Net Prop WT For Ammo:**

348 MG/KG

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

YES

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

INGESTION: HARMFUL. EYES: BURN/HARMFUL. SKIN: HARMFUL ABSORPTION. INHALATION: HARMFUL/CHOLINESTERASE INHIBITOR/NAUSEA/VOMITING/ABDOMINAL CRAMP/DIARRHEA/SALIVATION/HEADACHE/DIZZINESS/WEAK/BLURRED VISION/TEAR/MUSCLE UNCOORDINATION & TWITCH/SLURRED SPEECH/MENTAL CONFUSION/DROWSINESS/NOSE RUNS/BREATHING DIFFICULTY.

Explanation Of Carcinogenicity:

NONE

Signs And Symptoms Of Overexposure:

INGESTION: FATAL. EYES: FATAL. SKIN: TOXIC/FATAL ABSORPTION. INHALATION: TOXIC/FATAL/CHOLINESTERASE INHIBITOR/DIARRHEA/PIN-POINT & NON-REACTIVE PUPILS/RESPIRATORY DIFFICULTY/PULMONARY EDEMA/CYANOSIS/LOSS OF SPHINCTER CONTROL/CONVULSIONS/COMA.

Medical Cond Aggravated By Exposure:

N/K

First Aid:

EYES: WASH W/WATER. SKIN: WASH W/WATER & SOAP. WASH W/95% ETHYL ALCOHOL. INHALATION: REMOVE TO FRESH AIR. GIVE CPR. INGESTION: DRINK 1 OR 2 GLASSES OF WATER/INDUCE VOMITING BY TOUCHING BACK OF THROAT W/FINGER. DON'T INDUCE VOMITING OR GIVE ANYTHING BY MOUTH IF UNCONSCIOUS. PERSONS PROVIDING FIRST AID SHOULD PREVENT CONTAMINATION OF THEMSELVES. OBTAIN MEDICAL ATTENTION IN ALL CASES. SEE SUPP

Spill Release Procedures:

ADD HYDRATED LIME/SODA ASH TO CONTAMINATED AREA & MOISTEN W/WATER. SHOVEL SPILLAGE INTO STEEL DRUMS. FLUSH AREA W/5% SODIUM HYDROXIDE OR TRISODIUM PHOSPHATE. ABSORB WASHING & ADD TO DRUM & SEAL.

Neutralizing Agent:

2 N/K

Waste Disposal Methods:

DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS.

Handling And Storage Precautions:

WASH HANDS/ARMS/FACE THROUGHLY W/SOAP & WATER AFTER & BEFORE EATING/DRINKING/SMOKING/ OR USING THE TOILET. STABLE FOR AT LEAST 2 YEARS.

Other Precautions:

KEEP TIGHTLY CLOSED CONTAINERS IN A COOL, DRY PLACE. KEEP OUT OF REACH OF CHILDREN & ANIMALS. DON'T CONTAMINATE WATER SOURCES.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

N/P

Flash Point Text:

NONE

Autoignition Temp:

N/A

Autoignition Temp Text:

N/A

Lower Limits:

N/R

Upper Limits:

N/R

Extinguishing Media:

WATER FOG, FOAM, CO₂, DRY CHEMICAL

Fire Fighting Procedures:

USE SELF-CONTAINED BREATHING APPARATUS & RECOMMENDED PROTECTIVE EQUIPMENT

Unusual Fire/Explosion Hazard:

NONE

Toxicological Information

Information:

N/P

Regulatory Information:

N/P

Other Information:

N/P

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

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is not a guarantee of the properties of the product. LookChem shall not be held liable for any damage resulting from handling or contact with the above product. See reverse side of packing slip for additional terms and conditions of sale.

LookChem
Look for Chemicals
www.lookchem.com