

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-259/2593-15-9.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
2593-15-9

Code:
M

RTECS:
Xl3875000

Code:
M

Name:
5-ETHOXY-3-(TRICHLOROMETHYL)-1,2,4-THIADIAZOLE 1

Other REC Limits:
N/K

OSHA PEL:
N/K

Code:
M

OSHA STEL:

Code:

ACGIH TLV:
N/K

Code:
M

ACGIHSTEL:
N/P

Code:

Control Measures

Respiratory Protection:
FOR CONDITIONS OF USE WHERE EXPOSURE TO THE DUST IS APPARENT. A DUST/MIST RESPIRATOR MAY BE WORN. FOR EMERGENCIES, A SELF-CONTAINED BREATHING APPARATUS MAY BE NECESSARY.

Ventilation:
A LOCAL EXHAUST SYSTEM IS RECOMMENDED TO PREVENT DISPERSION OF THE CONTAMINANT INTO THE WORKROOM AIR.

Protective Gloves:
PROTECTIVE

Eye Protection:
SAFETY GOGGLES

Other Protective Equipment:
Equipment EYE WASH FOUNTAIN &QUICK-DRENCH FACILITIES NN WORK AREA. CLEAN BODY-COVERING CLOTHING

Work Hygienic Practices:
WASH THOROUGHLY AFTER HANDLING. REMOVE ANY CONTAMINATED CLOTHING/WASH BEFORE REUSE.

Supplemental Safety and Health:
N/K

Health Hazards Data

LD50LC50Mixture:
ORAL LD50 (RAT) 4700 MG/KG

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO 2

Health Hazards Acute And Chronic:
INHALATION: MILD IRRITATION OF NASAL PASSAGES, NAUSEA. INGESTION: IRRITATION OF ORAL PASSAGE, NAUSEA & DIARRHEA. SKIN/EYE: IRRITATION, REDNESS & PAIN.

Explanation Of Carcinogenicity:
NONE

Signs And Symptions Of Overexposure:
INHALATION: MILD IRRITATION OF NASAL PASSAGES, NAUSEA. INGESTION: IRRITATION OF ORAL PASSAGE, NAUSEA & DIARRHEA. SKIN/EYES: IRRITATION, REDNESS, PAIN.

Medical Cond Aggravated By Exposure:
N/K

First Aid:
INHALATION: REMOVE TO FRESH AIR. GET MED ATT. FOR ANY BREATHING DIFFICULTY. INGESTION: INDUCE VOMITING IMMEDIATELY BY GIVING 2 GLASSES OF WATER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. CALL PHYSICIAN. SKIN: REMOVE CONTAMINATED CLOTHING. WASH W/SOAP & WATER FOR 15 MINUTES. IF IRRITATION PERSISTS, GET MED ATT. EYE: FLUSH W/WATER FOR AT LEAST 15 MINS. CALL PHYSICIAN.

Spill Release Procedures:
CLEAN-UP PERSONNEL MAY REQUIRE RESPIRATORY PROTECTION FROM DUST. SWEEP UP & CONTAINERIZE FOR RECLAMATION/DISPOSAL. VACUUMING/WET SWEEPING MAY BE USED TO AVOID DUST DISPERSAL.

Neutralizing Agent:
N/R

Waste Disposal Methods:
WHATEVER NOT SAVED FOR RECLAMATION/CONTAINERS MAY BE DISPOSED OF IN APPROVED WASTE FACILITY/BY INCINERATION ACCORDING TO APPROVED PROCEDURES. DON'T FLUSH TO SEWER/CONTAMINATE WATER/FOOD/FEED BY STORAG E/DISPOSAL. FOLLOW LOCAL, STATE & FEDERAL LAWS.

Handling And Storage Precautions:
KEEP IN TIGHTLY CLOSED CONTAINER. DON'T CONTAMINATE WATER/FOOD/FEED BY STORAGE/DISPOSAL. OPEN DUMPING IS PROHIBITED. AVOID BREATHING DUST/MIST.

Other Precautions:
PESTICIDE/SPRAY MIXTURE/RINSE WATER THAT CAN'T BE USED ACCORDING TO LABEL INSTRUCTIONS MUST BE DISPOSED OF ACCORDING TO APPROVED PROCEDURES. CONTACT LENSES SHOULDN'T BE WORN. AVOID CONTACT W/EYE, SKIN /CLOTHING. AVOID BREATHING DUST/MIST.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
N/R

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/R

Upper Limits:
N/R

Extinguishing Media:
USE ANY MEANS SUITABLE FOR EXTINGUISHING SURROUNDING FIRE.

Fire Fighting Procedures:
3 WEAR FULL PROTECTIVE CLOTHING & NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS W/FULL FACEPIECE OPERATED IN THE PRESSURE DEMAND/OTHER POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:
NOT CONSIDERED TO AN EXPLOSION HAZARD.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/R

Melt /Freeze Pt:

M.P/F.P Text:
N/K

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
N/K

Vapor Density:
N/K

Volatile Org Content %:

Spec Gravity:
N/R

VOC Pounds/Gallon:

PH: N/R

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/K

Solubility in Water:
DISPERSES

Appearance and Odor:
TAN POWDER, AROMATIC ODOR.

Percent Volatiles by Volume:
N/R

Corrosion Rate:
N/R 4

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
N/K

Materials To Avoid:
STRONG OXIDIZERS

Hazardous Decomposition Products:
HAZARDOGEN CHLORIDE, OXIDES OF NITROGEN &SULFUR.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
N/K

Toxicological Information

Information:N/P

MSDS Transport Information

Information:N/P

Regulatory Information

Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information

Other Information:N/P



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

WARRANTY

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 applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Lookchem shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.