

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-254/2545-60-0.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
2545-60-0
Code:
M

RTECS:

Code:
X

Name:
4-AMINO-3,5,6-TRICHLOROPICOLINIC ACID, (PICLORAM)

Other REC Limits:
NONE RECOMMENDED

OSHA PEL:
NOT ESTABLISHED
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
NOT ESTABLISHED
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
3 IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR EMERGENCY OCCURS; USE NIOSH/MSHA APPROVED RESPIRATOR OR SUPPLIED AIR RESPIRATOR OR SCBA, AS REQUIRED. USE IN ACCORDANCE WITH 29 CFR 1910.134.

Ventilation:
USE ADEQUATE MECHANICAL VENTILATION TO MAINTAIN EXPOSURE BELOW PEL/TLV.

Protective Gloves:
NONE NORMALLY REQUIRED. SPILL-RUBBER

Eye Protection:
SAFETY GLASSES

Other Protective Equipment:
Equipment CLOTHING TO PREVENT REPEATED OR PROLONGED SKIN CONTACT. EYE WASH STATION &SAFETY SHOWER.

Work Hygienic Practices:
WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health:
EPA LABELING/REGISTRATION REQUIRED.

Health Hazards Data

LD50LC50Mixture:
ORAL LD50 (RAT) IS >5000 MG/KG

Route Of Entry Inds - Inhalation:
NO

Skin:
NO

Ingestion:
NO

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
ACUTE: CONTACT WITH EYES MAY CAUSE SEVERE IRRITATION. CHRONIC: PROLONGED OR REPEATED EXPOSURE MAY CAUSE SKIN IRRITATION AND LIVER DAMAGE.

Explanation Of Carcinogenicity:
NO INGREDIENT OF A CONCENTRATION OF 0.1% OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN. 2

Signs And Symptions Of Overexposure:
EYES: REDNESS, TEARING, PAIN OR SEVERE DISCOMFORT, BLURRED VISION. SKIN: REDNESS, DISCOMFORT.

Medical Cond Aggravated By Exposure:
NONE SPECIFIED BY MANUFACTURER.

First Aid:
INHALATION: REMOVE TO FRESH AIR. SEE DOCTOR. EYES: FLUSH WITH LOTS OF WATER, HOLD LIDS OPEN. SEE DOCTOR. SKIN: REMOVE CONTAMINATED CLOTHES. FLUSH WITH LOTS OF WATER UNTIL ALL RESIDUE GONE. INGESTED: I F CONSCIOUS, INDUCE VOMITING. GET MEDICAL ATTENTION. NO SPECIFIC ANTIDOTE.

Spill Release Procedures:
CONTAIN SPILL. ABSORB IN INERT MATERIAL SUCH AS SAND OR SAWDUST. KEEP OUT OF SEWERS AND WATERWAYS. NOTIFY AUTHORITIES IF SPILL ENTERS SEWER OR WATERWAY.

Neutralizing Agent:
NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:
DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. MANUFACTURER SUGGESTS DISPOSAL IN A LANDFILL APPROVED FOR PESTICIDES.

Handling And Storage Precautions:
STORE IN A COOL, DRY PLACE AWAY FROM STRONG OXIDIZING AGENTS AND STRONG MINERAL ACIDS.

Other Precautions:
KEEP OUT OF REACH OF CHILDREN. AVOID CONTACT WITH SKIN AND EYES. DO NOT SHIP OR STORE WITH FOOD, FEEDS, DRUGS, OR CLOTHING. DO NOT CONTAMINATE IRRIGATION OR DOMESTIC WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL.

Fire and Explosion Hazard Information

Flash Point Method:
TCC

Flash Point:

Flash Point Text:
NONE

Autoignition Temp:

Autoignition Temp Text:
NONE

Lower Limits:
N/R

Upper Limits:
N/R

Extinguishing Media:
ALCOHOL FOAM, DRY CHEMICAL, CARBON DIOXIDE

Fire Fighting Procedures:
WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING. AVOID GETTING WATER FROM FIRE FIGHTING INTO DOMESTIC OR IRRIGATION WATER SUPPLIES.

Unusual Fire/Explosion Hazard:
NONE

Physical/Chemical Properties

HCC:
T4

NRC/State LIC No:
N/R

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
212F,100C

Melt/Freeze Pt:

M.P/F.P Text:
UNKNOWN

Decomp Temp:

Decomp Text:
UNKNOWN

Vapor Pres:
23 MM HG

Vapor Density:
N/R

Volatile Org Content %:

Spec Gravity:
1.16 (WATER=1)

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
UNKNOWN

Solubility in Water:
COMPLETE

Appearance and Odor:
BROWN LIQUID

Percent Volatiles by Volume:
N/K

Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
NONE SPECIFIED BY MANUFACTURER.

Materials To Avoid:
NONE NORMALLY. UNDER ABNORMAL CONDITIONS AVOID OXIDIZERS AND STRONG MINERAL ACIDS.

Hazardous Decomposition Products:
HYDROGEN CHLORIDE AND NITROGEN OXIDES UNDER FIRE CONDITIONS. 4

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NONE

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