

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-647/64700-56-7.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

64700-56-7

Code:

M

RTECS:

AJ8970000

Code:

M

Name:

TRICLOPYR ([3,5,6-TRICHLORO-2-PYRIDINYL)OXY) ACET

Other REC Limits:

*DOW IND HYG.GUIDE

OSHA PEL:

2MG/M3,SKIN*

Code:

M

OSHA STEL:

Code:

ACGIH TLV:

NOT ESTABLISHED

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

ATMOSPHERIC LEVELS SHOULD BE MAINTAINED BELOW THE EXPOSURE GUIDELINE. WHEN RESPIRATORY PROTECTION IS REQUIRED FOR CERTAIN OPERATIONS, USE AN APPROVED AIR-PURIFYING RESPIRATOR.

Ventilation:

PROVIDE GENERAL AND/OR LOCAL EXHAUST VENTILATION TO CONTROL AIRBORNE LEVELS BELOW THE EXPOSURE GUIDELINES.

Protective Gloves:

IMPERVIOUS GLOVES (PROLONGED/FREQUENT)

Eye Protection:

USE SAFETY GLASSES.

Other Protective Equipment:

Equipment 5 FOR BRIEF CONTACT, NO PRECAUTION OTHER THAN CLEAN BODY-COVERING CLOTHING SHOULD BE NEEDED.

Work Hygienic Practices:

DOW INDUST HYGIENE GUIDE 2MG/M3 AS ACID EQUIVALENT,SKIN-3,5,6-TRICHLORO-2-PYRIDINYLACETIC ACID, BUTOXYETHYL ESTER.##

Supplemental Safety and Health:

SUPPORTIVE CARE. TREATMENT BASED ON JUDGMENT OF THE PHYSICIAN IN RESPONSE TO REACTIONS OF THE PATIENT. REPEATED EXCESSIVE EXPOSURE MAY AGGRAVATE PREEXISTING LIVER AND KIDNEY DISEASE. ###DOW INDUSTRIAL HYGIENE GUIDE IS 10 MG/M3 FOR KEROSENE.

Health Hazards Data

LD50/LC50 Mixture:

ORAL LD50/RAT:MG L/G**

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

YES

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

3 EYE: SLIGHT TEMPORARY IRRITATION. SKIN: PROLONGED/REPEATED: IRRITATION. PROLONGED/FREQUENT: ALLERGIC REACTIONS. ABSORPTION: REPEATED EXPOSURE: HARMFUL. INGESTION: LARGE AMOUNTS: INJURY. ASPIRATION (LIQ ENTERS LUNGS) MAY CAUSE LUNG DAMAGE/DEATH (CHEMICAL PNEUMONIA). INHAL: UPPER RESP IRRIT, CENTRAL NERV SYSTEM EFFECTS #

Explanation Of Carcinogenicity:

DID NOT CAUSE CANCER IN LONG-TERM ANIMAL STUDIES. **LD50 DERMAL RABBITS: >2,000 MG/KG.

Signs And Symptoms Of Overexposure:

SYSTEMIC (TARGET ORGAN) EFFECTS: REPEATED OVEREXPOSURE: LIVER, KIDNEY, BLOOD EFFECTS. TERATOLOGY (BIRTH DEFECTS): UNLIKELY. EXPOSURES HAVING NO EFFECT ON MOTHER SHOULD HAVE NO EFFECT ON FETUS. DID NOT CAUSE BIRTH DEFECTS IN ANIMALS. EFFECTS WERE SEEN ONLY IN FETUS ONLY AT DOSES WHICH CAUSED TOXIC EFFECTS TO MOTHER.

Medical Cond Aggravated By Exposure:

N/K

First Aid:

EYES: IRRIGATE IMMEDIATELY W/WATER FOR AT LEAST 5 MINUTES. SKIN: WASH OFF IN FLOWING WATER OR SHOWER. INGESTION: DO NOT INDUCE VOMITING. CALL A PHYSICIAN AND/OR TRANSPORT TO EMERGENCY FACILITY IMMEDIATELY. INHALATION: REMOVE TO FRESH AIR IF EFFECTS OCCUR. CONSULT A PHYSICIAN. NOTE TO DR: DECISION TO INDUCE VOMIT MADE BY DR. WEIGH DANGER FROM LUNG ASPIRATION W/TOXICITY. NO SPECIFIC ANTIDOTE. ##

Spill Release Procedures:

DIKE LARGE SPILLS. KEEP OUT OF STREAMS AND DOMESTIC WATER SUPPLIES. ABOSRB SMALL SPILLS IN INERT MATERIAL SUCH AS SAND.

Neutralizing Agent:

N/K

Waste Disposal Methods:

IN CASE OF LARGE SPILLS, CONTACT THE DOW CHEMICAL COMPANY. BURY CLEAN-UP MATERIALS FROM SMALL SPILLS IN AN APPROVED LANDFILL IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

Handling And Storage Precautions:

KEEP OUT OF REACH OF CHILDREN. DO NOT USE NEAR HEAT OR OPEN FLAME. AVOID CONTACT WITH EYES, SKIN OR CLOTHING.

Other Precautions:

4 DO NOT SHIP OR STORE WITH FOOD, FEEDS, DRUGS, OR CLOTHING. DO NOT CONTAMINATE WATER, FOOD, FEED BY STORAGE OR DISPOSAL.

Fire and Explosion Hazard Information

Flash Point Method:

TCC

Flash Point:

147F,64C

Autoignition Temp:

N/K

Autoignition Temp Text:

N/K

Lower Limits:

N/K

Upper Limits:

N/K

Extinguishing Media:

WATER FOG, FOAM, CO₂, AND DRY CHEMICAL

Fire Fighting Procedures:

USE POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:

COMBUSTIBLE.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

N/K

Net Prop WT For Ammo:

N/K

Boiling Point:

>302F>150C

Melt/Freeze Pt:

N/K

M.P/F.P Text:

N/K

Decomp Temp:

N/K

Decomp Text:

N/K

Vapor Pres:

0.1@37.8C*

Vapor Density:

>1

Volatile Org Content %:

N/K

Spec Gravity:

1.08

VOC Pounds/Gallon:

N/K

PH:

N/K

VOC Grams/Liter:

N/K

Viscosity:

N/K

Evaporation Rate & Reference:

N/K *(KEROSENE)

WARRANTY

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