

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-94/94-82-6.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
94-82-6  
**Code:**  
M

**RTECS:**  
ES9100000  
**Code:**  
M

**Name:**  
4- 2,4-DICHLOROPHENOXY!BUTYRIC ACID

**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:**  
USE APPROPRIATE OSHA/MSHA APPROVED SAFETY EQUIPMENT.

**Ventilation:**  
HANDLE ONLY IN A HOOD

**Protective Gloves:**  
AS REQUIRED

**Eye Protection:**  
EYE SHIELDS

**Other Protective Equipment:**  
Equipment N/K

**Work Hygienic Practices:**  
REMOVE/WASH CONTAMINATED CLOTHING BEFORE REUSE. ONLY TRAINED PERSONNEL SHOULD HANDLE THIS CHEMICAL OR ITS CONTAINER.

**Supplemental Safety and Health:**  
FIRST AID: IF PATIENT EXHIBITS SHOCK, KEEP WARM & QUIET.

## Health Hazards Data

**LD50LC50Mixture:**  
LD50 (RAT OR MOUSE): 700 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:**  
SKIN: HARMFUL IF ABSORBED W/POTENTIAL OF ADVERSE HEALTH EFFECTS, & IRRITATION. EYES: IRRITATION. INHALATION: DUST/VAPORS CAN CAUSE IRRITATION TO RESPIRATORY TRACT & TO MUCOUS MEMBRANES. INGESTION: HAR MFUL.

**Explanation Of Carcinogenicity:**  
NONE

**Signs And Symptoms Of Overexposure:**  
SKIN: HARMFUL IF ABSORBED W/POTENTIAL ADVERSE HEALTH EFFECTS & IRRITATION. EYES: IRRITATION. INHALATION: DUST & VAPORS CAN CAUSE IRRITATION TO RESPIRATORY TRACT & MUCOUS MEMBRANES. INGESTION: HARMFUL.

**Medical Cond Aggravated By Exposure:**  
N/K

**First Aid:**  
EYES/SKIN: FLUSH W/WATER FOR 15-20 MINS. IF NO BURNS HAVE OCCURED-USE SOAP & WATER TO CLEANSE SKIN. INHALATION: REMOVE TO FRESH AIR. ADMINISTER OXYGEN IF BREATHING DIFFICULTY. ADMINISTER CPR IF CARDIA C ARREST OCCURS. INGESTION: INDUCE VOMITING. GIVE 1 TO 2 GLASSES OF WATER. DON'T ADMINISTER LIQUIDS/INDUCE VOMITING IF UNCONSCIOUS OR CONVULSING. OBTAIN MEDICAL ATTENTION IN ALL CASES. (SEE SUPP.)

**Spill Release Procedures:**  
EVACUATE AREA. WEAR APPROPRIATE EQUIPMENT. VENTILATE AREA. SWEEP UP & PLACE IN AN APPROPRIATE CONTAINER. WASH CONTAMINATED SURFACES TO REMOVE ANY RESIDUES.

**Neutralizing Agent:**  
N/K

**Waste Disposal Methods:**  
BURN IN A CHEMICAL INCINERATOR EQUIPPED W/AN AFTERBURNER & SCRUBBER. DISPOSE OF IN ACCORDANCE W/FEDERAL, STATE, & LOCAL REGULATIONS.

**Handling And Storage Precautions:**  
KEEP CLOSED IN A COOL DRY PLACE. STORE ONLY W/COMPATIBLE CHEMICALS. FOR LABORATORY USE ONLY. DON'T WEAR CONTACT LENSES.

**Other Precautions:**  
DON'T USE AS DRUGS, COSMETICS, AGRICULTURAL OR PESTICIDAL PRODUCTS, FOOD ADDITIVES OR AS HOUSEHOLD CHEMICALS. AVOID DIRECT PHYCIAL CONTACT. AVOID CONTACT W/SKIN, EYES & 2 CLOTHING.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
N/K

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
N/K

**Upper Limits:**  
N/K

**Extinguishing Media:**  
N/K

**Fire Fighting Procedures:**  
N/K

**Unusual Fire/Explosion Hazard:**  
NO FIRE OR EXPLOSION HAZARD. NO EXPLOSION LIMITS AREA AVAILABLE FOR THIS COMPOUND.

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**  
3

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
N/K

**Melt/Freeze Pt:**

**M.P/F.P Text:**  
242.6-246F

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
N/K

**Vapor Density:**  
N/K

**Volatile Org Content %:**

**Spec Gravity:**  
N/K

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
N/K

**Solubility in Water:**  
INSOLUBLE

**Appearance and Odor:**  
COLORLESS, CRYSTALLINE SOLID

**Percent Volatiles by Volume:**  
N/K

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
N/K

**Materials To Avoid:**  
STRONG OXIDIZING AGENTS

**Hazardous Decomposition Products:**  
TOXIC FUMES

**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