

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-93/93-65-2.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

93-65-2

**Code:**

M

**RTECS:**

UE9750000

**Code:**

M

**Name:**

2-(2-METHYL-4-CHLOROPHOXY) PROPIONIC ACID, MCPP

**Other REC Limits:**

N/K

**OSHA PEL:**

N/K

**Code:**

M

**OSHA STEL:****Code:**

2

**ACGIH TLV:**

N/K

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

IF EXPOSURE LIMITS MAY BE EXCEEDED, USE A NIOSH/MSHA APPROVED RESPIRATOR FOR DUSTS & MISTS (TC-21C) OR AN ORGANIC CARTRIDGE RESPIRATOR (NIOSH/MSHA TC23C).

**Ventilation:**

GOOD LOCAL VENTILATION: RECOMMENDED. MECHANICAL: USE IF EXPOSURE LIMITS ARE EXCEEDED.

**Protective Gloves:**

CHEMICAL RESISTANT 5

**Eye Protection:**

SAFETY GLASSES, GOGGLES, FACE SHIELD

**Other Protective Equipment:**

Equipment LONG SLEEVES PANTS, CHEMICAL RESISTANT SHOES.

**Work Hygienic Practices:**

REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

**Supplemental Safety and Health:**

N/K

## Health Hazards Data

**LD50/LC50 Mixture:**

ORAL LD50 (MALE RATS): >2240 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:**

EYES: IRRITATION & BURNING. SKIN: IRRITATION, ABSORPTION. INHALATION: MUCOUS MEMBRANE IRRITATION. RESPIRATORY TRACT BURNING SENSATION W/COUGHING, DIZZINESS. INGESTION: CHEST & ABDOMEN PAIN, VOMITING, DIARRHEA, HEADACHE, MENTAL CONFUSION, BIZARRE BEHAVIOR ARE EARLY SYMPTOMS OF POISONING, PROGRESSING TO UNCONSCIOUSNESS.

**Explanation Of Carcinogenicity:**

NONE

**Signs And Symptoms Of Overexposure:**

N/K

**Medical Cond Aggravated By Exposure:**

CHRONIC SKIN DISEASE OR KNOWN SENSITIVITY TO CHLOROPHENOXYS COMPOUNDS.

**First Aid:**

EYES: FLUSH W/PLENTY OF CLEAN WATER FOR 10-15 MINS. SKIN: BATHE & SHAMPOO W/SOAP & WATER TO REMOVE CHEMICALS FROM SKIN & HAIR. INHALATION: REMOVE TO FRESH AIR. APPLY ARTIFICIAL RESPIRATION IF NEEDED. INGESTION: IF SUBSTANTIAL AMOUNTS HAS BEEN SWALLOWED, SPONTANEOUS EMESIS MAY OCCUR. OBTAIN MEDICAL ATTENTION IN ALL CASES.

**Spill Release Procedures:**

DON'T TOUCH SPILLED MATERIAL. WEAR PROTECTIVE EQUIPMENT. CONTAIN & ABSORB SPILLED MATERIAL ON DRI-RITE, SAND OR OTHER NON-COMBUSTIBLE ABSORBENT. COLLECT INTO DRUMS, COVER & LABEL FOR DISPOSAL. FLUSH A REA W/WATER IF POSSIBLE.

**Neutralizing Agent:**

N/K

**Waste Disposal Methods:**

DISPOSE OF DOT DRUM, WASTE WATER & ANY OTHER WASTE ACCORDING TO STATE, LOCAL & FEDERAL REGULATIONS.

**Handling And Storage Precautions:**

4 STORE IN ORIGINAL CONTAINER IN A LOCKED STORAGE AREA INACCESSIBLE TO CHILDREN OR PETS. DON'T STORE NEAR FEED/SEED/FOOD/HERBICIDES/PESTICIDES/FUNGICIDE

**Other Precautions:**

KEEP FROM FREEZING. DON'T USE THIS PRODUCT IF SPRAY MAY DRIFT FROM THE TARGET AREA. DON'T CONTAMINATE WATER SUPPLIES. DON'T MIX W/ACIDIC MATERIALS, AS THIS WILL RUIN THE PRODUCT.

## Fire and Explosion Hazard Information

**Flash Point Method:**

N/P

**Flash Point:****Flash Point Text:**

145F

**Autoignition Temp:****Autoignition Temp Text:**

N/A

**Lower Limits:**

N/K

**Upper Limits:**

N/K

**Extinguishing Media:**

FOAM, CO2, DRY CHEMICAL, WATER

**Fire Fighting Procedures:**

WEAR POSITIVE PRESSURE BREATHING APPARATUS & FULL PROTECTIVE CLOTHING. FIGHT FIRE FROM MAXIMUM DISTANCE. STAY UP WIND & OUT OF LOW AREAS.

**Unusual Fire/Explosion Hazard:**

DOES NOT IGNITE READILY, BUT MAY BURN AT HIGH TEMPS. RUN-OFF FROM FIRE CONTROL AREA OR DILUTION WATER MAY CAUSE POLLUTION.

## Physical/Chemical Properties

**HCC:****NRC/State Lic No:****Net Prop WT For Ammo:****Boiling Point:****B.P. Text:**

212F

**Melt/Freeze Pt:****M.P/F.P Text:**

N/K

**Decomp Temp:****Decomp Text:**

N/K

**Decom Pres:**

<17

**Vapor Density:**

>1

**Volatile Org Content %:**

N/A

**Spec Gravity:**

1.122

**VOC Pounds/Gallon:****pH:**

N/K

**VOC Grams/Liter:****Viscosity:**

N/P

**Evaporation Rate & Reference:**

N/K

**Solubility in Water:**

COMPLETE

**Appearance and Odor:**

BROWN LIQUID W/AN AMINE TYPE ODOR.

**Complete Volatiles:**

N/K

**Corrosion Rate:**

N/K 6

**Reactivity Data:****Stability Indicator:**

YES

**Stability Condition To Avoid:**

FREEZING

**Materials To Avoid:**

ACIDIC MATERIALS

**Hazardous Decomposition Products:**

GASES SUCH AS HYDROGEN CHLORIDE, ORGANO CHLORIDES, NITROGEN OXIDES CO.

**Hazardous Polymerization Indicator:**

NO

**Conditions To Avoid Polymerization:**

N/K

## Toxicological Information

**Information:**

N/P

**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

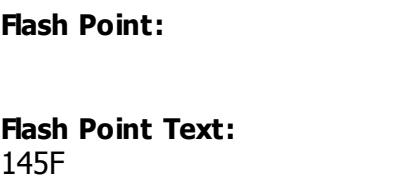
## Other Information

**Other Information:**

N/P

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