

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-512/51218-45-2.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

51218-45-2

**Code:**

M

**RTECS:**

AN3430000

**Code:**

M

**Name:**

METOLACHLOR

**Other REC Limits:**

N/K

**OSHA PEL:**

N/K

**Code:**

M

**OSHA STEL:**

Code:

**ACGIH TLV:**

N/K

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

WEAR NIOSH APPROVED DUST OR PESTICIDE RESPIRATOR

**Ventilation:**

RECOMMENDED

**Protective Gloves:**

RUBBER

**Eye Protection:**

CHEMICAL SAFETY GLASSES OR GOGGLES

**Other Protective Equipment:**

Equipment RUBBER BOOTS, LONG-SLEEVED SHIRT, LONG PANTS, HAT

**Work Hygienic Practices:**

REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. WASH THOROUGHLY AFTER HANDLING.

**Supplemental Safety and Health:**

NOTES TO PHYSICIAN: NO SPECIFIC ANTIDOTE IF INGESTED. LARGE AMOUNTS: EMESIS HAS BEEN INADEQUATE, LAVAGE STOMACH. 5 MG/KG OF ACTIVATED CHARCOAL SUSPENSION (50 G/400 ML WATER) CAN BE GIVEN TO ABSORB REMAINING TOXICANT. TREAT SKIN REACTIONS W/ANTIHISTAMINES/ointmentS CONTAINING ANTI-INFLAMMATORY AGENT.

## Health Hazards Data

**LD50/LC50 Mixture:**

ORAL LD50 (RAT): >5,030 MG/KG BODY WT

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

NO

**Ingestion:**

NO

**Carcinogenicity Inds - NTP:**

YES

**IARC:**

YES

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

IRRITATION OF EYES, NOSE OR THROAT.

**Explanation Of Carcinogenicity:**

2 SEE INGREDIENTS

**Signs And Symptoms Of Overexposure:**

HEADACHE & NAUSEA. THESE SYMPTOMS USUALLY DISAPPEAR W/IN 24 HRS.

**Medical Cond Aggravated By Exposure:**

RESPIRATORY DISORDERS

**First Aid:**

INGESTION: IF CONSCIOUS, GIVE 1-2 GLASSES OF WATER/INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH IF UNCONSCIOUS. GIVE CPR IF NEEDED. EYES: FLUSH W/PLENTY OF WATER. SKIN: WASH W/SOAP & WATER, INCLUDING HAIR/UNDER FINGERNAILS. DON'T APPLY ANY MEDICATING AGENTS EXCEPT ON ADVICE OF PHYSICIAN. INHALATION: REMOVE TO FRESH AIR. APPLY CPR IF NECESSARY. OBTAIN MEDICAL ATTENTION IN ALL CASES. SEE SUPP

**Spill Release Procedures:**

WEAR PROTECTIVE EQUIPMENT. SMALL: COVER W/ABSORBENT MATERIAL SUCH AS PET LITTER. SWEEP UP, KEEPING DUST TO A MINIMUM & PLACE IN APPROVED CHEMICAL WASTE CONTAINER. WASH AREA W/WATER CONTAINING A STRONG DETERGENT. SEAL CONTAINER FOR DISPOSAL.

**Neutralizing Agent:**

N/K

**Waste Disposal Methods:**

DON'T ALLOW WASH OR RINSE WATER TO CONTAMINATE WATER SUPPLIES. DON'T REUSE PRODUCT CONTAINERS. DISPOSE OF PRODUCT CONTAINERS, WASTE CONTAINERS & RESIDUES ACCORDING TO FEDERAL, STATE & LOCAL REGULATION S.

**Handling And Storage Precautions:**

STORE IN WELL-VENTILATED, SECURE AREA OUT OF REACH OF CHILDREN & DOMESTIC ANIMALS. DON'T STORE FOOD, BEVERAGES OR TOBACCO PRODUCTS IN STORAGE AREA.

**Other Precautions:**

PREVENT EATING, DRINKING, TOBACCO USAGE, & COSMETIC APPLICATION IN AREAS WHERE THERE IS A POTENTIAL FOR EXPOSURE TO MATERIAL.

## Fire and Explosion Hazard Information

**Flash Point Method:**

N/P

**Flash Point:**

**Flash Point Text:**

NON-FLAMMABLE

**Autoignition Temp:**

N/A

**Autoignition Temp Text:**

N/A

**Lower Limits:**

N/K

**Upper Limits:**

N/K

**Extinguishing Media:**

DRY CHEMICAL, FOAM, CO<sub>2</sub>

**Fire Fighting Procedures:**

WEAR PROTECTIVE CLOTHING & SCBA. EVACUATE AREA. PREVENT USE OF CONTAMINATED BUILDING, AREA & EQUIPMENT UNTIL DECONTAMINATED.

**Unusual Fire/Explosion Hazard:**

N/K 3

## Physical/Chemical Properties

**HCC:**

**NRC/State Lic No:**

**Net Prop WT For Ammo:**

N/P

**Boiling Point:**

**B.P. Text:**

N/K

**Melt/Freeze Pt:**

N/K

**M.P./F.P. Text:**

N/K

**Decomp Temp:**

N/K

**Decomp Text:**

N/K

**Vapor Pres:**

N/K

**Vapor Density:**

N/K

**Volatile Org Content %:**

N/K

**Spec Gravity:**

0.61

**VOC Pounds/Gallon:**

N/A

**PH:**

N/K

**VOC Grams/Liter:**

N/A

**Viscosity:**

N/P

**Evaporation Rate & Reference:**

N/K

**Solubility in Water:**

N/K

**Appearance and Odor:**

LIGHT BROWN GRANULES W/MILD ETHEREAL ODOR

**Percent Volatiles by Volume:**

N/K

**Corrosion Rate:**

N/K

**Health Hazards Acute And Chronic:**

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