



# MATERIAL SAFETY DATA SHEET

**PRODUCT/TRADE NAME:**  
**WEED & FEED 25-3-5**

## I. NAME

PRODUCT/TRADE NAME: WEED & FEED 25-3-5  
EPA REGISTRATION #: 2217-579-2935  
CHEMICAL NAME/COMMON NAME:  
Ammonium phosphate/Ammonium phosphate  
Potassium chloride/Muriate of potash  
Urea/Urea  
2,4-Dichlorophenoxy acetic acid/2,4-D  
2-(2-methyl-4-chlorophenoxy) propionic acid/MCPP  
3,6-Dichloro-0-anisic acid/Dicamba  
Ammonium sulfate/Ammonium sulfate

muscle twitching, stiffness, sweating, and convulsions. Can be fatal. Chronic exposure may cause kidney, liver, blood, or testicular damage. Medical conditions involving the above symptoms may be aggravated by exposure.  
FIRST AID: In all cases, get prompt medical attention. Give several glasses of water and induce vomiting. Do not induce vomiting if victim is unconscious. For eye exposure, flush eyes for 15 minutes with water. If inhaled, remove to fresh air and administer CPR if necessary. For skin contact, remove contaminated clothing and shower with soap and water.

## II. HAZARDOUS INGREDIENTS

	CAS#	OSHA PEL	ACGIH TLV
Ammonium phosphate	7722-76-1	NE	NE
Potassium chloride	7447-40-7	NE	NE
2,4-D	94-75-7	10 mg/m <sub>3</sub>	10 mg/m <sub>3</sub>
MCPP	93-65-2	NE	NE
Dicamba	1918-00-9	NE	NE
Urea	57-13-6	NE	NE
Ammonium sulfate	7783-20-2	NE	NE

## IX. SPECIAL PROTECTION INFORMATION

**RESPIRATORY PROTECTION:** Use NIOSH/MSHA - approved respirator for pesticides for exposures up to 10 times the PEL/TLV. Positive pressure self-contained breathing apparatus should be used for confined space entry and exposures above 10 times the PEL/TLV.  
**PERSONAL PROTECTIVE EQUIPMENT:** Neoprene or rubber boots, neoprene or nitrile gloves, long-sleeved coveralls, chemical goggles, and hat. For manufacture, formulation and application operations, recommend a shower at the end of the work shift.  
**VENTILATION:** Local exhaust ventilation recommended for manufacture and formulation. Store in a well-ventilated area. Allow closed trucks adequate time to ventilate prior to entering.

## III. PHYSICAL DATA

SPECIFIC GRAVITY (H<sub>2</sub>O = 1): NA  
MELTING POINT: NE  
VAPOR DENSITY (AIR = 1): NE  
% VOLATILES BY VOL.: NA  
ODOR: Ammonia  
APPEARANCE: Amber Granule  
FLASH POINT/METHOD: NA  
VAPOR PRESSURE (mmHg): NE  
SOLUBILITY IN H<sub>2</sub>O: Partially

## X. SPECIAL PRECAUTIONS

Keep out of the reach of children. Read and follow all label instructions. Do not store near open flame, sparks, or other ignition sources.

## IV. FIRE & EXPLOSION HAZARD

EXTINGUISHING MEDIA:  Water Fog  Foam  Alcohol Foam  
 CO<sub>2</sub>  Dry Chemical  Other  
FIRE FIGHTING PRECAUTIONS & HAZARDS: Fight fire upwind. Wear positive pressure self-contained breathing apparatus and full protective clothing. Avoid breathing smoke and mist. Avoid fallout and runoff. Dike area to prevent entering drains, sewers, and water courses. Evacuate people downwind from fire.

## XI. REGULATORY DATA

SARA HAZARD CLASS:  Acute  Chronic  Flammable  
 Pressure  Reactive  None  
SARA 313:  Yes  No Chemical: 2,4-D  
SARA 302:  Yes  No Chemical:  
TPQ:  
CERCLA:  Yes  No Chemical: 2,4-D  
RQ: 100\*  
RCRA:  Yes  No  
NFPA Hazard Rating: NFPA Hazard Rating Scale:  
Health: [2] 0=Minimal 3=Serious  
Fire: [1] 1=Slight 4=Severe  
Reactivity: [0] 2=Moderate  
Special: [ ]  
HMIS Codes: HMIS Hazard Rating Scale:  
Health: [2] 0=Minimal 3=Serious  
Fire: [1] 1=Slight 4=Severe  
Reactivity: [0] 2=Moderate

## V. CARCINOGEN STATUS

OSHA  NTP  IARC  No Listing Type: 2,4-D

## VI. REACTIVITY

Stable  Unstable  
HAZARDOUS POLYMERIZATION:  May Occur  Will Not Occur  
AVOID: Oxidizers, Acids and bases  
HAZARDOUS DECOMPOSITION PRODUCTS: CO<sub>x</sub>, NO<sub>x</sub>, HCl

DATE PREPARED: March 26, 1997

REVISED DATE: November 11, 2004

## VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE OF SPILL: Wear appropriate respiratory protective equipment. Vacuum or sweep material up and place in approved disposal container.  
DECONTAMINATION: Treat contaminated area with detergent and water. Absorb with inert material and place in disposal container. Repeat as necessary until area is clean.  
ENVIRONMENTAL HAZARDS: Dike area to prevent entry into drains, sewers or water courses.  
DISPOSAL: Dispose of in accordance with Federal, State and local regulations.

Notice: This information was developed from information on the constituent materials. No warranty is expressed or implied regarding the completeness or continuing accuracy of the information contained herein, and Wilbur-Ellis disclaims all liability for reliance thereon. The user should satisfy himself that he has all current data relevant to his particular use.

\*Technical Material NE - Not Established NA - Not Applicable

## VIII. HEALTH PRECAUTION DATA

INGESTION: Acute oral LD<sub>50</sub> (rats) 370 mg/kg 2,4-D (RTECS\*). Do not ingest. Wash before eating, drinking, or smoking. Do not store near food or feed.  
INHALATION: PEL/TLV 10 mg/m<sub>3</sub>. Avoid inhalation of vapors or spray mist. Use appropriate respiratory protection for exposures above the PEL/TLV.  
SKIN ABSORPTION: Dermal LD<sub>50</sub> (rats) 1500 mg/kg 2,4-D (RTECS\*). Avoid skin contact. May cause skin irritation and burn. Wear appropriate personal protective equipment to reduce exposure.  
EYE EXPOSURE: Keep out of eyes. May cause corneal injury. Wear appropriate eye protection to reduce exposure. If exposed, flush eyes with water for 15 minutes.  
EFFECTS OF OVEREXPOSURE: May irritate mouth, throat, and gastrointestinal tract. Symptoms of overexposure are chest pain, abdominal pain, diarrhea,

**24 Hour Emergency Phone Number**  
**CHEMTREC: (800) 424-9300**



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