



PO BOX 16458 • FRESNO CA 93755

MATERIAL SAFETY DATA SHEET

PRODUCT/TRADE NAME:

FOUNDATION

I. NAME

PRODUCT/TRADE NAME: FOUNDATION

EPA REGISTRATION #: 2217-921-2935

CHEMICAL NAME/Common Name:

Diethanolamine Salt of 2,4-Dichlorophenoxy Acetic Acid/2,4-D

Triethylamine Salt of 3,5,6-Trichloro-Pyridinyloxyacetic Acid/Triclopyr

Dimethylamine Salt of 3,6-dichloro-o-anisic acid/Dicamba

Sulfentrazone/Sulfentrazone

II. HAZARDOUS INGREDIENTS

	CAS#	OSHA PEL	ACGIH TLV
2,4-D	5742-19-8	NE	NE
Triclopyr	57213-69-1	NE	NE
Dicamba	2300-66-5	NE	NE
Sulfentrazone	12283635-5	NE	NE

III. PHYSICAL DATA

SPECIFIC GRAVITY (H₂O = 1): 1.115220

MELTING POINT: NA

VAPOR DENSITY (AIR = 1): NE

% VOLATILES BY VOL.: NA

ODOR: Amine

APPEARANCE: Dark Brown Liquid

FLASH POINT/METHOD: 135 Deg F PMCC

VAPOR PRESSURE (mmHg): NE

SOLUBILITY IN H₂O: Infinite

IV. FIRE & EXPLOSION HAZARD

EXTINGUISHING MEDIA: Water Fog Foam Alcohol Foam
 CO₂ Dry Chemical Other

FIRE FIGHTING PRECAUTIONS & HAZARDS:

Fight fire upwind. Wear positive pressure self-contained breathing apparatus and full protective equipment. Do not breathe smoke or mist. Avoid fallout and runoff. Toxic to fish. Dike to prevent entering drains, sewers and watercourses. Evacuate people downwind from fire.

V. CARCINOGEN STATUS

OSHA NTP IARC No Listing Type:

VI. REACTIVITY

Stable Unstable HAZARDOUS POLYMERIZATION
 May Occur Will Not Occur

AVOID: Oxidizers, Mineral Acids

HAZARDOUS DECOMPOSITION PRODUCTS: CO_x, NO_x, Hcl, Organo Chlorides

VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE OF SPILL: Wear appropriate respiratory protective equipment. Absorb with inert material. Vacuum or sweep material up and place in an 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 to prevent entering drains, sewers or water courses.

DISPOSAL: Place in DOT-approved disposal containers and dispose of in an EPA Class 1 disposal site.

VIII. HEALTH PRECAUTION DATA

INGESTION: Acute oral LD₅₀ (rats) 3129 mg/kg (PBI Gordon). Do not ingest. Wash before eating, drinking or smoking. Do not store near food or feed.

INHALATION: No PEL/TLV established for this product. Avoid inhalation of vapors or spray mist. Use appropriate respiratory protection for exposures encountered.

SKIN ABSORPTION: Acute Dermal LD₅₀ (rats) 5000 mg/kg (PBI Gordon). Avoid skin contact. May be fatal. Wear appropriate personal protective equipment to reduce skin exposure.

EYE EXPOSURE: Keep out of eyes. Can cause corneal injury and irreversible eye damage. If exposed, flush eyes for a minimum of 15 minutes with water.

EFFECTS OF OVEREXPOSURE: May irritate mouth, throat and gastrointestinal

tract. Symptoms of overexposure are chest pain, abdominal pain, diarrhea, muscle twitching, stiffness, sweating and convulsions. Can be fatal. Chronic exposure may result in liver, kidney, blood or testicular injury. Preexisting conditions involving the above symptoms may be aggravated by the exposure to this product.

FIRST AID: In all cases, get prompt medical attention. If ingested, give large amounts of water. Do not induce vomiting. For eye exposure, irrigate for a minimum of 15 minutes with water. For skin contact, remove contaminated clothing and wash with soap and water. If inhaled, remove victim to fresh air and administer CPR if necessary.

IX. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Use NIOSH/MSHA-approved respirator for pesticides for the exposure encountered. Positive pressure self-containing breathing apparatus should be used for confined space entry and high exposure operations. PERSONAL PROTECTIVE EQUIPMENT: Neoprene or rubber boots, neoprene or nitrile gloves, chemical goggles, apron, hat and long-sleeved coveralls. For manufacture, formulation and application operations, recommend a shower at the end of the work shift.

VENTILATION: Local exhaust ventilation is recommended for manufacture and formulation. Store in a well ventilated area. Allow closed trucks adequate time to ventilate prior to entering.

X. SPECIAL PRECAUTIONS

Keep out of the reach of children. Read and follow all label instructions.

XI. REGULATORY DATA

SARA HAZARD CLASS: Acute Chronic Flammable
 Pressure Reactive None

SARA 313: Yes No Chemical: Triclopyr, Dicamba

SARA 302: Yes No Chemical:

TPQ:

CERCLA: Yes No Chemical: 2,4-D

RQ: 100

RCRA: Yes No

NFPA HAZARD RATING:

Health: [2]

Fire: [1]

Reactivity: [0]

Special: [0]

HMIS CODES:

Health: [2]

Fire: [1]

Reactivity: [0]

NFPA HAZARD RATING SCALE:

0 = Minimal 3 = Serious

1 = Slight 4 = Severe

2 = Moderate

HMIS HAZARD RATING SCALE:

0 = Minimal 3 = Serious

1 = Slight 4 = Severe

2 = Moderate

DATE PREPARED: May 22, 2009

REVISED DATE:

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

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

