



SAFETY DATA SHEET

BCF FERTILIZER WITH TRIMEC

EMERGENCY NUMBER: 1-800-424-9300
BONUS CROP FERTILIZER, INC.
GREENVILLE, TEXAS 75403
Effective Date: December 7, 2015

1. PRODUCT AND COMPANY IDENTIFICATION:

PRODUCT: TRIMEC

EPA Pesticide Registration Number: 2217-603-49991

COMPANY IDENTIFICATION:

Bonus Crop Fertilizer, Inc.
P O Box 1062
Greenville, Texas 75403

2. HAZARDOUS IDENTIFICATIONS:

EMERGENCY OVERVIEW

Color: Brown

Physical State: Granular

Odor: Amine-type

Hazards of product:

CAUTION! This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

EMERGENCY PHONE NUMBER: 800-222-1222

CAUTION



HAZARD CATEGORY:
ACUTE, CHRONIC

HAZARD IDENTIFICATION INFORMATION:

The International Agency for Research on Cancer (IARC) lists chlorophenoxy herbicides in its Group 2B (limited evidence for carcinogenicity in humans.) The US EPA has given the chlorophenoxy herbicides 2,4-D, 2,4-DP, MCPP and MCPA a Class D classification (not classifiable as to human carcinogenicity.) More current 2,4-D lifetime feeding studies in rats and mice did not show carcinogenic effects and a recent World Health Organization (WHO) review of 2,4-D toxicology has concluded that 2,4-D is not a carcinogen.

3. COMPOSITION/INFORMATION INGREDIENTS:

CAS No. 2008391

Dimethylamine Salt of 2,4-dichlorophenoxyacetic acid
(2,4-D)

WEIGHT % - 0.17

CAS No. 2300665

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

WEIGHT % - 0.07%

CAS No. 66423094

Dimethylamine Salt of R(+)-2-(2-Methyl-4-chlorophenoxy)
propionic acid (MCPP) **WEIGHT % - 0.29%**

4. FIRST AID:

Route(s) of Entry:

Skin contact, Inhalation, Ingestion.

Health Hazards (Acute and Chronic):

EYES: Corrosive. Causes irreversible eye damage.

SKIN: Moderately irritating to the skin; may be absorbed through the skin.

INHALATION: Moderately irritating to the mucous membranes. Inhalation of sprays may cause burning sensation in the respiratory tract, resulting in coughing.

INGESTATION: May cause vomiting with pain in the chest and abdomen, and diarrhea.

Signs and Symptoms:

Inhalation may cause burning in the chest with coughing. Prolonged inhalation sometimes causes dizziness. Ingestion usually leads to vomiting. Pain in the chest and abdomen and diarrhea may follow. Headache, mental confusion, and bizarre behavior are early manifestations of severe poisoning, which may progress to unconsciousness.

Medical Conditions Generally Aggravated by Exposure:

Individuals with chronic skin disease or known sensitivity to chlorophenoxy compounds should either avoid using them or take strict precautions to avoid contact (respirator, gloves, etc.)

Emergency First Aid Procedure:

IF IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

IF SWALLOWED: Call a doctor or get medical attention. Do not induce vomiting or given anything by mouth to an unconscious person. Drink promptly a large quantity of milk, eggwhites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol.

IF INHALED: Remove victim to fresh air and apply respiration if indicated.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.



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5. FIRE FIGHTING MEASURES

Flash Point: 137°F

Lower Explosive Limit: NI

Upper Explosive Limit: NI

(NI – Not Indicated)

After

Fire Extinguishing Media:

Foam, CO₂, dry chemical water. The low flash point of this product is due to a minor compound in the mixture. Based on independent laboratory testing of similar products, this product would not sustain combustion as specified in DOT Regulation 49 CFR 173 Appendix H, and, therefore, would not be classified as a combustible liquid.

Special Fire Fighting Procedures:

Wear positive-pressure breathing apparatus and full protective clothing. Fight fire from maximum distance. Stay up-wind and out of low areas.

Unusual Fire and Explosion:

This product does not ignite readily, but may burn at a very high temperature. The fire may produce irritating or poisonous gases. Runoff from fire control area or dilution water may cause pollution. If surface water is contaminated, contact local authorities.

6. ACCIDENTAL RELEASE MEASURES:

Steps to be Taken in Case Material is Released or Spilled:

See Section 8 for Personal Protective Equipment. Do not touch spilled material. Contain and absorb spilled material on Dri-Rite, sand or other non-combustible absorbent. Collect into drums; cover and label for disposal. Flush area with water, if possible.

7. HANDLING AND STORAGE:

Precautions to be:

Do not contaminate water, food, or feed by storage or disposal.

STORAGE: Store in original container in a locked storage area. Keep from freezing.

Other Precautions:

Engineering Control Statements:

Containers over 1 gallon and less than 5 gallons: Persons engaged in open pouring of this product must also wear coveralls or a chemical resistant apron.

Containers of 5 gallons or more: Do not open-pour product from this container. A mechanical system (such as a probe and pump or spigot) must be used for transferring the

contents of this container. If the contents of a non-refillable pesticide container are emptied, the probe must be rinsed before removal.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

Ventilation Requirements:

Good local ventilation is recommended; mechanical ventilation may be used if exposure limits may be exceeded.

Personal Protective Equipment:

Clothing Requirement Statement:

When mixing, loading, or applying this product, wear long-sleeved shirt, long pants, socks, shoes, chemical-resistant gloves and eye protection. It is recommended that safety glasses include front, brow, and temple protection.

Personal Hygiene Statement:

After using this product, rinse gloves before removing, remove clothing and launder separately before reuse, and promptly and thoroughly wash hands and exposed skin with soap and water. Remove saturated clothing as soon as possible and shower.

PROTECTIVE CLOTHING:

Wear long sleeves and pants; chemical-resistant gloves and shoes with socks.

EYE PROTECTION: Safety glasses with side shields or safety goggles.

RESPIRATORY PROTECTION: If exposure limits may be exceeded, wear a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with any N.R.P. or HE filter.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Boiling Point: 212°F

Evaporation Rate (Butyl Acetate =1): <1

Vapor Pressure (mm Hg): <17 (20°C)

Vapor Density (Air = 1): >1

Specific Gravity (H₂O = 1): 1.11700

Solubility in Water: Infinite

Appearance and Odor: Brown granular with an amine-type odor

Other Information:

pH = 7.5 – 8.5

Density = 9.30 pounds/gallon

Freezing point >35°F

Percent volatile by volume: 62%



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10. STABILITY AND REACTIVITY:

Stability: Stable

Incompatibility (Material to Avoid):

Do not mix with acidic materials, as this will ruin the product.

Decomposition/By-Products:

May produce gases such as HCl, organo chlorides, nitrogen oxides, and carbon monoxide when burning.

Hazardous Polymerization:

Will not occur.

11. TOXICOLOGICAL INFORMATION:

Acute dermal LD50 >2010 mg/kg (rabbit)

Oral LD50 >2240 mg/kg (male rats) and >1550 mg/kg (female rats).

12. ECOLOGICAL INFORMATION:

ENVIRONMENTAL HAZARDS:

This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and nontarget plants. For terrestrial uses, do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater. Do not contaminate domestic or irrigation waters. Do not apply when weather conditions favor drift from target area.

When cleaning equipment, do not pour the washwater on the ground; spray or drain over a large area away from wells and other water sources.

Most cases of groundwater contamination involving phenoxy herbicides such as 2,4-D and MCPP have been associated with mixing/loading and disposal sites. Caution should be exercised when handling 2,4-D and MCPP pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing or transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

13. DISPOSAL CONSIDERATIONS:

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law and may contaminate groundwater. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the

Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: For Metal Containers – Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities. For Plastic Containers – Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or incineration or if allowed by state and local authorities by burning. If burned, stay out of smoke.

14. TRANSPORT INFORMATION:

DOT – Description

The following guidelines apply for domestic ground transport. If shipping by air or ocean, please contact our Transportation Department.

PESTICIDES, NOI, INCLUDING DEFOLIANTS, FUNGICIDES, HERBICIDES, OR INSECTICIDES
NMFC 155050-6

In our current available sizes, this product does not qualify as a Hazardous Material.

15. REGULATORY INFORMATION:

OSHA STATUS: This product is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

TSCA STATUS: This product is exempt from TSCA Regulation under FIFRA Section 3(2)(B)(ii) when used as a pesticide.

CERCLA REPORTABLE QUANTITY: 385 pounds of the formulation which contains 100 pounds of Dimethylamine 2,4-D.

SARA TITLE III:

SECTION 302. EXTREMELY HAZARDOUS SUBSTANCES: None.

SECTION 311/312 HAZARD CATEGORIES: Immediate Health Hazard. Delayed Health Hazard.

SECTION 313 TOXIC CHEMICALS: Dimethylamine dicamba CAS #2300-66-5

RCRA STATUS: When discarded in its purchased form, this product is a listed RCRA hazardous waste and should be managed as a hazardous waste. (40 CFR 261.20-24)



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16. OTHER INFORMATION:

SDS STATUS:

Bonus Crop Fertilizer, Inc. urges each customer or recipient of this (M)SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this (M)SDS and any hazards associated with the product. The information herein is provided in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ between various locations. It is the Buyer's/User's responsibility to ensure that his activities comply with all federal, state, provincial or local laws. The information presented here pertains only to the product as shipped. Since conditions for use of the product are not under the control of the manufacturer, it is the Buyer's/User's duty to determine the conditions necessary for the safe use of this product. Due to the proliferation of sources for information such manufacturer-specific (M)SDS, we are not and cannot be responsible for (M)SDS obtained from any source other than ourselves. If you have obtained an (M)SDS from another source or if you are not sure that the (M)SDS you have is current, please contact us for the most current version.