

DuPont
Material Safety Data Sheet

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GPA0M684 DuPont Dry Dicamba
Revised 23-MAR-2011 Printed 30-MAR-2011

CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Tradenames and Synonyms

Dicamba

Company Identification

MANUFACTURER/DISTRIBUTOR

E.I. du Pont Canada Company
P.O. Box 2200
Streetsville
Mississauga, Ontario L5M 2H3

PHONE NUMBERS

Product Information : 1-800-387-2122
Medical Emergency : 1-800-441-3637 (24 hours)

COMPOSITION/INFORMATION ON INGREDIENTS

Components

Material	CAS Number	%
*SODIUM SALT OF DICAMBA (3,6-dichloro-o-anisic acid)	1982-69-0	77 WT%
INERT INGREDIENTS		23 WT%

* Disclosure as a toxic chemical is required under Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

HAZARDS IDENTIFICATION

Emergency Overview

WARNING! Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Harmful if swallowed or absorbed through skin. Wear protective eyewear.

Potential Health Effects

Routes of exposure for liquids and solids include eye and skin contact, ingestion and inhalation. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquified gases.

ACUTE OVEREXPOSURE EFFECTS:

Causes substantial but temporary eye injury. Do not get in eyes, or on clothing. Harmful if absorbed through the

(HAZARDS IDENTIFICATION - Continued)

skin. Harmful if swallowed.

CHRONIC OVEREXPOSURE EFFECTS:

There are no known chronic effects associated with this material.

Carcinogenicity Information

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

FIRST AID MEASURES

First Aid

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF INHALED: Remove person to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-441-3637 for emergency medical treatment information.

FIRE FIGHTING MEASURES

Flammable Properties

May form an explosive dust/air mixture. Organic solids will burn at elevated temperatures. All products of incomplete combustion and/or decomposition have not been determined.

(FIRE FIGHTING MEASURES - Continued)

Extinguishing Media

Water Fog, Foam, Dry Chemical.

Fire Fighting Instructions

Wear self-contained breathing apparatus (SCBA) and full protective equipment.

ACCIDENTAL RELEASE MEASURES

Safeguards (Personnel)

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

Evacuate personnel, thoroughly ventilate area, use self-contained breathing apparatus.

Initial Containment

Prevent material from entering sewers, waterways, or low areas. Follow applicable Federal, State/Provincial and Local laws/regulations.

Spill Clean Up

Sweep up spill and place in suitable container for disposal.

Spillage or leakage should be contained and absorbed with clay granules, sawdust, or equivalent material for disposal. Wash away residue with plenty of water. Clean pickup equipment with plenty of water.

HANDLING AND STORAGE

Handling (Personnel)

Users should: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

(HANDLING AND STORAGE - Continued)

Storage

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

Store in original container in a well-ventilated area separately from fertilizer, feed and foodstuffs. Avoid cross-contamination with other pesticides. Spillage or leakage should be contained and absorbed with clay granules, sawdust, or equivalent material for disposal.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls

Use only with adequate ventilation.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides 40 CFR 170.240(d)(4-6), the handler PPE requirements may be reduced or modified as specified in the WPS.

Personal Protective Equipment

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants.
- Chemical resistant gloves.
- Shoes plus socks.
- Protective eyewear.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls
- Chemical-resistant gloves
- Shoes plus socks
- Protective eyewear

Exposure Guidelines

Exposure Limits

DuPont Dry Dicamba

PEL (OSHA) : None Established

TLV (ACGIH) : None Established

PHYSICAL AND CHEMICAL PROPERTIES

Physical Data

Density : 0.61 g/mL 25 C (77 F)
pH : 7.3 in aqueous solution
Solubility in Water : Dispersible
Form : Solid.
Color : Brown.
Odor : Phenolic.

STABILITY AND REACTIVITY

Chemical Stability

Stable at normal temperatures and storage conditions.

Conditions to Avoid

None known.

Polymerization

Polymerization will not occur.

TOXICOLOGICAL INFORMATION

Animal Data

Acute Oral LD50 (rat) : 2062 mg/kg
Acute Dermal LD50 (rabbit) : > 2000 mg/kg
Inhalation 4-hr. LC50 (rat): > 5 mg/L

Eye Irritation : Moderately Irritating (rabbit)
Skin Irritation: Non-irritating (rabbit)
Skin Sensitization: May be a skin sensitizer (guinea pig)

ECOLOGICAL INFORMATION

Ecotoxicological Information

AQUATIC TOXICITY:

DICAMBA

96-hour LC50 - Bluegill sunfish: > 1000 mg/L.
96-hour LC50 - Rainbow trout: 135 mg/L.
48-hour EC50 - Daphnia magna: 110 mg/L
72-hour EC50 - Algae: 2.3 mg/L

DISPOSAL CONSIDERATIONS

Waste Disposal

Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations.

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

Triple rinse pesticide from containers and use rinsates in the pesticide application. Wastes which cannot be used according to label instructions may be disposed of on site or at an approved waste disposal facility.

ENVIRONMENTAL HAZARDS:

Keep out of lakes, streams, or ponds. 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 washwaters. Apply this product only as directed on the product label.

Container Disposal

Plastic or Metal: After triple rinsing (or equivalent), offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities, such as burning of plastic containers. If burned, stay out of smoke.

TRANSPORTATION INFORMATION

Shipping Information

DOT:

Proper Shipping Name: Not Regulated by DOT unless a single package contains 1000 or more pounds Dicamba.

If 1000 or more pounds Dicamba describe as follows:

Environmentally Hazardous Substances, Solid, n.o.s.,
(Dicamba), Hazard Class 9, UN3077, PG III, RQ, (Dicamba)

IMO/IMDG:

Proper Shipping Name: Not Regulated

Shipping Information -- Canada

This material is Not Regulated.

REGULATORY INFORMATION

U.S. Federal Regulations

TITLE III HAZARD CLASSIFICATIONS SECTIONS 311, 312

Acute : Yes
Chronic : No
Fire : No
Reactivity : No

In the United States this product is regulated by the US Environmental Protection Agency under the Federal Insecticide, Fungicide and Rodenticide Act. It is a violation of federal law to use this product in a manner inconsistent with its labeling.

EPA Reg. No. 7969-140-352

Country_specific Regulations

Regulated under the Pest Control Products Act--WHMIS Exempt

Registration No. DuPont Dry Dicamba MUP 28735 Pest Control Products Act

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

OTHER INFORMATION

NFPA, NPCA-HMIS

NFPA Rating
Health : 2
Flammability : 3*
Reactivity : 1*

*May form an explosive dust/air mixture. Organic solids will burn at elevated temperatures. All products of incomplete combustion and/or decomposition have not been determined.

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

Responsibility for MSDS

----- Crop Protection E.I. du Pont Canada Company
Box 2200, Streetsville
Mississauga, Ontario L5M 2H3
(905) 821-3300.

(Continued)

End of MSDS