

# Material Safety Data Sheet

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## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

### WEED-B-GON(R) Weed Killer

PRODUCT NUMBER(S): UPC03975A    UPC03975M    UPC03976    UPC03976A  
   UPC03977    UPC03977A

#### COMPANY IDENTIFICATION

The SOLARIS Group  
 A Division of the Agricultural Group  
 of Monsanto Company  
 P.O. Box 5008  
 San Ramon, CA 94583-0808

#### EMERGENCY TELEPHONE NUMBERS

HEALTH (24 HR):  
 (800)454-2333  
 TRANSPORTATION (24 HR):  
 (800)454-2333

PRODUCT INFORMATION: (800)225-2883

SPECIAL NOTES: EPA Reg. No. 239-2499

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

100.0 % WEED-B-GON(R) Weed Killer

#### CONTAINING

COMPONENTS	AMOUNT	LIMIT/QTY	AGENCY/TYPE
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DMA SALT OF 2,4-D Chemical Name: (SEE BELOW) CAS2008391	0.2%		
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Complete chemical name: Dimethylamine salt of 2,4-Dichlorophenoxyacetic acid.

DMA SALT OF MCPP Chemical Name: (SEE BELOW) CAS13791929	0.2%		
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Revision Number: 5      Revision Date: 12/16/93      MSDS Number: 003903  
 NDA - No Data Available      NA - Not Applicable

Prepared according to the OSHA Hazard Communication Standard  
 (29 CFR 1910.1200) and the ANSI MSDS Standard (Z400.1) by the Toxicology  
 and Health Risk Assessment Unit, CRTG, P.O. Box 4054, Richmond, CA 94804

Complete chemical name: Dimethylamine salt of 2-(2-methyl-4-chloro-phenoxy) propionic acid.

## INERT INGREDIENTS

99.6%

"Inert Ingredients" is a term defined by the U.S. Environmental Protection Agency under the Federal Insecticide, Fungicide and Rodenticide Act (40 CFR 158.153). It refers to any substance, other than an active ingredient, which is intentionally added to a pesticide product. Some inert ingredients may be hazardous chemicals, as defined by the Federal OSHA Hazard Communication Standard (29 CFR 1910.1200). The hazards associated with these inert ingredients have been included in this document.

**LABEL COMMENT:**

This Material Safety Data Sheet (MSDS) contains health, safety and environmental information for you and your employees. It does not replace the precautionary use, storage and disposal information presented on the product label. This information will help you to prepare for emergency response and to meet community right-to-know/ emergency response and reporting requirements under SARA Title III and many other laws. Emergency response agencies and health care providers will also find this additional information useful.

Homeowner consumer use, storage and disposal are regulated by the EPA through the approved label copy, and it is a violation of Federal law to use the product in any manner not prescribed on the EPA-approved label. In order to avoid confusion, this MSDS should not be distributed to homeowner consumers.

Although an MSDS is not required for a consumer product used by the homeowner, we provide this MSDS for employers who handle or store large quantities of this product (e.g. transporters, warehouses and retailers).

This MSDS should also be made available to any employee whose exposure to the product in quantity, frequency or duration may be greater than that of a homeowner consumer.

This MSDS should be supplied to subsequent transporters, shippers, warehouses, retailers or employers where handling, storing or use of this product exceed in quantity, frequency or duration those of a homeowner consumer.

TLV - Threshold Limit Value	TWA - Time Weighted Average
STEL - Short-term Exposure Limit	TPQ - Threshold Planning Quantity
RQ - Reportable Quantity	PEL - Permissible Exposure Limit
C - Ceiling Limit	CAS - Chemical Abstract Service Number
A1-5 - Appendix A Categories	( ) - Change Has Been Proposed

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### 3. HAZARDS IDENTIFICATION

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\*\*\*\*\* EMERGENCY OVERVIEW \*\*\*\*\*

Light amber liquid

- KEEP OUT OF REACH OF CHILDREN
- HARMFUL IF ABSORBED THROUGH THE SKIN

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#### POTENTIAL HEALTH EFFECTS

##### EYE:

This substance is slightly irritating to the eyes and could cause prolonged (days) impairment of your vision. The degree of the injury will depend on the amount of material that gets into the eye and the speed and thoroughness of the first aid treatment.

##### SKIN:

This substance is not expected to cause prolonged or significant skin irritation. If absorbed through the skin, this substance is considered practically non-toxic to internal organs.

##### INGESTION:

If swallowed, this substance is considered practically non-toxic to internal organs.

##### INHALATION:

The systemic toxicity of this substance has not been determined. However, it should be practically non-toxic to internal organs if inhaled. This hazard evaluation is based on the known toxicity of the ingredients in this substance.

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### 4. FIRST AID MEASURES

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**EMERGENCY NUMBER (24 hr): (800)454-2333**

##### EYE:

Flush eyes immediately with fresh water for at least 15 minutes while holding the eyelids open. Remove contact lenses if worn. No additional first aid should be necessary. However, if irritation persists, see a doctor.

##### SKIN:

No first aid procedures are required. As a precaution, wash skin thoroughly with soap and water. Remove and wash contaminated clothing.

##### INGESTION:

If swallowed, give water or milk to drink and telephone for medical advice. Consult medical personnel before inducing vomiting. If medical advice cannot be obtained, then take the person and product container to the nearest medical emergency treatment center or hospital.

##### INHALATION:

Since this material is not expected to be an immediate inhalation problem, no first aid procedures are required.

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## 5. FIRE FIGHTING MEASURES

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### FLAMMABLE PROPERTIES

FLASH POINT: NA

AUTOIGNITION: NDA Will not burn.

FLAMMABILITY LIMITS (% by volume in air): Lower: NDA Upper: NDA

Will not burn.

EXTINGUISHING MEDIA:

NA

NFPA RATINGS: Health 1; Flammability 0; Reactivity 0.

### FIRE FIGHTING INSTRUCTIONS:

This material will not burn. Smoke from fires involving this material may present unusual hazards. Avoid breathing smoke and mists. Avoid contact with fallout and runoff. Minimize the amount of water used for fire fighting. Do not enter any enclosed area without full protective equipment, including self-contained breathing equipment. Contain and isolate runoff and debris for proper disposal. Read the entire document.

### COMBUSTION PRODUCTS:

This material will not burn.

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## 6. ACCIDENTAL RELEASE MEASURES

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### ACCIDENTAL RELEASE MEASURES:

Clean up spills immediately, observing precautions in Exposure Controls/ Personal Protection section. Cover spill with a generous amount of Oil Dry, cat litter, clay, rags or other absorbent. Use a stiff broom to mix thoroughly. Sweep up and place in a disposable container. Scrub contaminated area with detergent and water using a stiff broom. Pick up liquid with additional absorbent and place in a disposable container.

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## 7. HANDLING AND STORAGE

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### HANDLING AND STORAGE:

READ AND OBSERVE ALL PRECAUTIONS ON PRODUCT LABEL.

Keep pesticide in original container. Do not store or transport near food or feed.

Do not apply directly to water or wetlands. Do not contaminate water by cleaning of equipment or disposal of waste. For help with any spill, leak, fire or exposure involving this material, call day or night (800) 454-2333.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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**PERSONAL PROTECTIVE EQUIPMENT****EYE/FACE PROTECTION:**

Do not get this material in your eyes. Eye contact can be avoided by wearing chemical goggles.

**SKIN PROTECTION:**

No special skin protection is usually necessary. Avoid prolonged or frequently repeated skin contact with this material. Skin contact can be minimized by wearing protective clothing.

**RESPIRATORY PROTECTION:**

No special respiratory protection is normally required.

**ENGINEERING CONTROLS:**

No special ventilation is necessary.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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**PHYSICAL DESCRIPTION:**

Light amber liquid

pH: NDA  
VAPOR PRESSURE: <10 mm Hg @ 25C  
VAPOR DENSITY  
(AIR=1): 0.67  
BOILING POINT: 210F  
FREEZING POINT: NDA  
MELTING POINT: 30F  
SOLUBILITY: Soluble in water  
SPECIFIC GRAVITY: 1.00 g/cc  
DENSITY: NDA  
EVAPORATION RATE: 0 (n-BuAc = 1)  
PERCENT VOLATILE  
(VOL): 0%

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**10. STABILITY AND REACTIVITY**

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**HAZARDOUS DECOMPOSITION PRODUCTS:**

NDA

**CHEMICAL STABILITY:**

Stable.

**CONDITIONS TO AVOID:**

No data available.

**INCOMPATIBILITY WITH OTHER MATERIALS:**

May react with strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.

**HAZARDOUS POLYMERIZATION:**

Polymerization will not occur.

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**11. TOXICOLOGICAL INFORMATION**

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**EYE EFFECTS:**

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4. Sudden Release of Pressure Hazard: NO  
 5. Reactivity Hazard: NO

## REGULATORY LISTS SEARCHED:

01=SARA 313	11=NJ RTK	21=TSCA Sect 4(e)
02=MASS RTK	12=CERCLA 302.4	22=TSCA Sect 5(a)(2)
03=NTP Carcinogen	13=MN RTK	23=TSCA Sect 6
04=CA Prop 65-Carcin	14=ACGIH TWA	24=TSCA Sect 12(b)
05=CA Prop 65-Repro Tox	15=ACGIH STEL	25=TSCA Sect 8(a)
06=IARC Group 1	16=ACGIH Calc TLV	26=TSCA Sect 8(d)
07=IARC Group 2A	17=OSHA PEL	27=TSCA Sect 4(a)
08=IARC Group 2B	18=DOT Marine Pollutant	28=Canadian WHMIS
09=SARA 302/304	19=Chevron TWA	29=OSHA CEILING
10=PA RTK	20=EPA Carcinogen	30=Chevron STEL

None of the components of this material are found on the regulatory lists indicated.

## 16. OTHER INFORMATION

**NFPA RATINGS: Health 1; Flammability 0; Reactivity 0;**

**HMIS RATINGS: Health 1; Flammability 0; Reactivity 0;**

(Least-0, Slight-1, Moderate-2, High-3, Extreme-4). These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFPA) or the National Paint and Coating Association (for HMIS ratings).

**REVISION STATEMENT:**

This Material Safety Data Sheet has been revised to comply with the ANSI Z400.1 Standard. Changes have also been made throughout this MSDS. Please read the entire document.

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The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modification of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

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