Material Safety Data Sheet

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

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

<table>
<thead>
<tr>
<th>COMPONENTS</th>
<th>AMOUNT</th>
<th>LIMIT/QTY</th>
<th>AGENCY/TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMA SALT OF 2,4-D</td>
<td></td>
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<tr>
<td>Chemical Name: (SEE BELOW)</td>
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<tr>
<td>CAS2008391</td>
<td>0.2%</td>
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</tbody>
</table>

Complete chemical name: Dimethylamine salt of 2,4-Dichlorophenoxyacetic acid.

| DMA SALT OF MCPP            |        |           |
| Chemical Name: (SEE BELOW)  |        |           |
| CAS13791929                 | 0.2%   |           |

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, CRTC, P.O. Box 4054, Richmond, CA 94804
Complete chemical name: Dimethylamine salt of 2-(2-methyl-4-chlorophenoxy) 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
STEL - Short-term Exposure Limit
RQ - Reportable Quantity
C - Ceiling Limit
A1-5 - Appendix A Categories

TWA - Time Weighted Average
TPQ - Threshold Planning Quantity
PEL - Permissible Exposure Limit
CAS - Chemical Abstract Service Number
( ) - Change Has Been Proposed
3. HAZARDS IDENTIFICATION

********************* 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.

4. FIRST AID MEASURES

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.
5. FIRE FIGHTING MEASURES

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.

6. ACCIDENTAL RELEASE MEASURES

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.

7. HANDLING AND STORAGE

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.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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NDA – No Data Available  NA – Not Applicable
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.

9. PHYSICAL AND CHEMICAL PROPERTIES

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%

10. STABILITY AND REACTIVITY

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.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS:

Revision Number: 5  Revision Date: 12/16/93  MSDS Number: 003903
NDA - No Data Available  NA - Not Applicable
Corneal involvement or irritation clearing in 7 days or less.

**SKIN EFFECTS:**
Mild to slight irritation at 72 hours. (No irritation or slight erythema.)
The Draize Skin Primary Irritation Score (range, 0-8) for a 4-hour exposure (rabbits) is 0. The dermal LD50 in rabbits is greater than 5 g/kg.

**ACUTE ORAL EFFECTS:**
The oral LD50 in rats is greater than 5 g/kg.

**ACUTE INHALATION EFFECTS:**
No product toxicology data available. The hazard evaluation was based on data on the components.

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### 12. ECOLOGICAL INFORMATION

**ECOTOXICITY:**
This material is toxic to aquatic organisms and should be kept out of sewage and drainage systems and all bodies of water.

**ENVIRONMENTAL FATE:**
No data available.

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### 13. DISPOSAL CONSIDERATIONS

**DISPOSAL CONSIDERATIONS:**
Partially filled container may be disposed of by securely wrapping original container in several layers of newspaper and discard in trash. Do not reuse empty container.

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### 14. TRANSPORT INFORMATION

The description shown may not apply to all shipping situations. Consult 49CFR, or appropriate Dangerous Goods Regulations, for additional description requirements (e.g., technical name) and mode-specific or quantity-specific shipping requirements.

**DOT SHIPPING NAME:** N/A
**DOT HAZARD CLASS:** NONE
**DOT IDENTIFICATION NUMBER:** NONE
**DOT PACKING GROUP:** N/A

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### 15. REGULATORY INFORMATION

**SPECIAL NOTES:** EPA Reg. No. 239-2499

**SARA 311 CATEGORIES:**
1. Immediate (Acute) Health Effects: YES
2. Delayed (Chronic) Health Effects: NO
3. Fire Hazard: NO

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**NDA** - No Data Available  **NA** - Not Applicable
4. Sudden Release of Pressure Hazard: NO
5. Reactivity Hazard: NO

REGULATORY LISTS SEARCHED:

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

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.