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 \* M S D S \*  
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 \* Canadian Centre for Occupational Health and Safety \*  
 \* \* \* \* \* (February, 2002) \*  
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\*\*\* IDENTIFICATION \*\*\*

MSDS RECORD NUMBER : 2460420  
 PRODUCT NAME(S) : ORTHO Chickweed & Clover Control  
 PRODUCT IDENTIFICATION : PRODUCT NUMBER(S): AGC5077  
 MSDS Number: 004173  
 DATE OF MSDS : 1994-03-02  
 CURRENCY NOTE : This MSDS was provided to CCOHS in electronic form on  
 2000-10-03

\*\*\* MANUFACTURER INFORMATION \*\*\*

MANUFACTURER : CHEVRON CHEMICAL COMPANY  
 ORTHO CONSUMER PRODUCTS  
 ADDRESS : Post Office Box 5047  
 San Ramon California  
 U.S.A. 94583-0947  
 EMERGENCY TELEPHONE NO. : 800-457-2022 (Health, 24 hr)  
 510-233-3737 (International, Health, 24 hr)  
 800-424-9300 (CHEMTREC, Transportation, 24 hr)  
 202-483-7616 (Transportation, 24 hr)

\*\*\* MATERIAL SAFETY DATA \*\*\*

1 CHVN 1980  
 CHEVRON #  
 ORTHO Chickweed & Clover Control  
 004173

Material Safety Data Sheet

CHEVRON  
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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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ORTHO Chickweed & Clover Control

PRODUCT NUMBER(S): AGC5077

COMPANY IDENTIFICATION

CHEVRON CHEMICAL COMPANY  
 ORTHO CONSUMER PRODUCTS  
 P.O. BOX 5047  
 SAN RAMON, CA 94583-0947

EMERGENCY TELEPHONE NUMBERS

HEALTH (24 hr): (800)457-2022 or  
 (510)233-3737 (International)  
 TRANSPORTATION (24 hr): CHEMTREC  
 (800)424-9300 or (202)483-7616

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2. COMPOSITION/INFORMATION ON INGREDIENTS

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100.0 % ORTHO Chickweed & Clover Control

CONTAINING

| COMPONENTS | AMOUNT | LIMIT/QTY | AGENCY/TYPE |
|------------|--------|-----------|-------------|
|------------|--------|-----------|-------------|

DMA SALT OF MCPP  
 Chemical Name: (SEE BELOW)  
 CAS13791929 17.6%

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

INERT INGREDIENTS  
 82.4%

"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

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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  
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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          |

3. HAZARDS IDENTIFICATION

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

Brown to yellow liquid.

- HARMFUL IF SWALLOWED
- CAUSES SUBSTANTIAL BUT TEMPORARY EYE DAMAGE
- AVOID CONTACT WITH EYES, SKIN OR CLOTHING
- KEEP OUT OF REACH OF CHILDREN

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## POTENTIAL HEALTH EFFECTS

## EYE:

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This substance is a moderate eye irritant and could cause prolonged (weeks) 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:

This substance is slightly toxic to internal organs if swallowed. The degree of injury will depend on the amount absorbed from the gut.

## INHALATION:

The inhalation toxicity of this substance has not been determined. However, it may be slightly toxic to internal organs if inhaled. The degree of injury will depend on the airborne concentration and duration of exposure.

## SIGNS AND SYMPTOMS OF EXPOSURE:

EYE: May include pain, tears, swelling, redness, and blurred vision.

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#### 4. FIRST AID MEASURES

EMERGENCY NUMBER (24 hr): (800)457-2022 or (510)233-3737 (International)

## EYE:

Flush eyes immediately with fresh water for at least 15 minutes while holding the eyelids open. Remove contact lenses if worn. See a doctor for further treatment as soon as possible.

## SKIN:

If on skin, remove contaminated clothing, wash skin with plenty of soap and water. Wash contaminated clothing before reuse.

## INGESTION:

If swallowed, give a large quantity of water to drink, make person vomit and call a doctor. Never give anything by mouth to an unconscious person.

## INHALATION:

If respiratory discomfort or irritation occurs, move the person to fresh air. See a doctor if discomfort or irritation continues.

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#### 5. FIRE FIGHTING MEASURES

## FLAMMABLE PROPERTIES

FLASH POINT: None to boiling

AUTOIGNITION: NA None

FLAMMABILITY LIMITS (% by volume in air): Lower: NA Upper: NA  
Not Flammable

EXTINGUISHING MEDIA:  
NDA

NFPA RATINGS: Health 2; Flammability 1; Reactivity 0.

FIRE FIGHTING INSTRUCTIONS:

Products of combustion from fires involving this material may be toxic. Avoid breathing smoke and mists. Avoid personnel and equipment contact with fallout and runoff. Minimize the amount of water used for fire

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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. Decontaminate personal protective equipment and fire fighting equipment before reuse. Read the entire document.

COMBUSTION PRODUCTS:

No data available.

#### 6. ACCIDENTAL RELEASE MEASURES

CHEMTREC EMERGENCY NUMBER (24 hr): (800)424-9300 or (202)483-7616

ACCIDENTAL RELEASE MEASURES:

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:

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING. READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.

Keep pesticide in original container.

Do not put concentrate into food or drink containers. Do not dilute concentrate in food or drink containers.

Do not contaminate food or feed.

Do not store near food, feed, seeds or other pesticides.

Do not store diluted spray.

Store in a secure, preferably locked, cool dry storage area away from heat, open flame, and direct sunlight.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

EYE/FACE PROTECTION:

Eye contact should be avoided by wearing goggles or face shield.

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.

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RESPIRATORY PROTECTION:  
No special respiratory protection is normally required.  
ENGINEERING CONTROLS:  
Use this material only in well ventilated areas.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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### PHYSICAL DESCRIPTION:

Brown to yellow liquid.  
pH:                                      NDA  
VAPOR PRESSURE:                      NDA Same as water.  
VAPOR DENSITY  
(AIR=1):                              Same as water.  
BOILING POINT:                      210F  
MELTING POINT:                      10F  
SOLUBILITY:                              Soluble in water.  
SPECIFIC GRAVITY:                      1.15  
EVAPORATION RATE:                      NDA Same as water.  
PERCENT VOLATILE  
(VOL):                                      0%

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## 10. STABILITY AND REACTIVITY

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HAZARDOUS DECOMPOSITION PRODUCTS:  
NDA  
CHEMICAL STABILITY:  
No data available.  
CONDITIONS TO AVOID:  
No data available.  
INCOMPATIBILITY WITH OTHER MATERIALS:  
No data available.  
HAZARDOUS POLYMERIZATION:  
No data available.

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## 11. TOXICOLOGICAL INFORMATION

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EYE EFFECTS:  
This material caused moderate irritation to the eyes of rabbits with reversible corneal injury.  
SKIN EFFECTS:  
Mild to slight irritation at 72 hours. (No irritation or slight erythema.)  
The dermal LD50 in rabbits is greater than 5 g/kg  
ACUTE ORAL EFFECTS:  
The oral LD50 in male rats is 6.2 g/kg. The oral LD50 in female rats is 3.9 g/kg.  
ACUTE INHALATION EFFECTS:  
No product toxicology data available.  
ADDITIONAL TOXICOLOGY INFORMATION:

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Rats were exposed for 90 minutes to a 9.5 mg/l aerosol of a dilution of 6 mls Chickweed & Clover Control in 600 mls distilled water. No deaths or signs of toxicity were observed during the exposure or 14-day observation period.

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## 12. ECOLOGICAL INFORMATION

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ECOTOXICITY:  
 No data available.  
 ENVIRONMENTAL FATE:  
 No data available.

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## 13. DISPOSAL CONSIDERATIONS

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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. Rinse empty container thoroughly before discarding in trash.

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## 14. TRANSPORT INFORMATION

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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: NDA  
 DOT HAZARD CLASS: NDA  
 DOT IDENTIFICATION NUMBER: NDA  
 DOT PACKING GROUP: NDA

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## 15. REGULATORY INFORMATION

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SARA 311 CATEGORIES:

|                                       |     |
|---------------------------------------|-----|
| 1. Immediate (Acute) Health Effects:  | YES |
| 2. Delayed (Chronic) Health Effects:  | NO  |
| 3. Fire Hazard:                       | NO  |
| 4. Sudden Release of Pressure Hazard: | NO  |
| 5. Reactivity Hazard:                 | NO  |

### REGULATORY LISTS SEARCHED:

|                      |                 |                      |
|----------------------|-----------------|----------------------|
| 01=SARA 313          | 11=NJ RTK       | 22=TSCA Sect 5(a)(2) |
| 02=MASS RTK          | 12=CERCLA 302.4 | 23=TSCA Sect 6       |
| 03=NTP Carcinogen    | 13=MN RTK       | 24=TSCA Sect 12(b)   |
| 04=CA Prop 65-Carcin | 14=ACGIH TWA    | 25=TSCA Sect 8(a)    |

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|                         |                   |                   |
|-------------------------|-------------------|-------------------|
| 05=CA Prop 65-Repro Tox | 15=ACGIH STEL     | 26=TSCA Sect 8(d) |
| 06=IARC Group 1         | 16=ACGIH Calc TLV | 27=TSCA Sect 4(a) |

|                  |                         |                   |
|------------------|-------------------------|-------------------|
| 07=IARC Group 2A | 17=OSHA PEL             | 28=Canadian WHMIS |
| 08=IARC Group 2B | 18=DOT Marine Pollutant | 29=OSHA CEILING   |
| 09=SARA 302/304  | 19=Chevron TWA          | 30=Chevron STEL   |
| 10=PA RTK        | 20=EPA Carcinogen       |                   |

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

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#### 16. OTHER INFORMATION

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NFPA RATINGS: Health 2; Flammability 1; 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:

Revised for indexing purposes only. This MSDS remains discontinued.

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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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