**MSDS**

**Canadian Centre for Occupational Health and Safety**

---

**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

**ADDRESS** : ORTHO CONSUMER PRODUCTS

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 CHV

1980

CHEVRON #

ORTHO Chickweed & Clover Control

004173

---

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

ORTHO Chickweed & Clover Control

PRODUCT NUMBER(S): AGC5077

---

2. COMPOSITION/INFORMATION ON INGREDIENTS

100.0% ORTHO Chickweed & Clover Control

---

http://ccinfoweb.ccohs.ca/msds/Action.lasso?database=msds&layout=Display&response=... 3/12/02
DMA SALT OF MCPP
Chemical Name: (SEE BELOW)
CAS13791929 17.6%

Complete chemical name: Dimethylamine salt of 2-(2-methyl-4-chlorophenoxy) 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...

Revision Number: 3 Revision Date: 03/02/94  MSDS Number: 004173
NDA - No Data Available NA - Not Applicable

1 CHVN 1980

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 ORTHO Chickweed & Clover Control 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
STEEL - 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

http://ccinfoweb.ccohs.ca/msds/Action.lasso?-database=msds-&-layout=Display-&-response=... 3/12/02
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

POTENTIAL HEALTH EFFECTS

EYE:
Revision Number: 3  Revision Date: 03/02/94  MSDS Number: 004173

1 CHVN 1980
NDA - No Data Available  NA - Not Applicable
ORTHO Chickweed & Clover Control

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.

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.

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
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.

Revision Number: 3  Revision Date: 03/02/94  MSDS Number: 004173

1 CHVN 1980
NDA - No Data Available  NA - Not Applicable
ORTH CHICKWEED & CLOVER CONTROL

RESPIRATORY PROTECTION:
No special respiratory protection is normally required.

ENGINEERING CONTROLS:
Use this material only in well ventilated areas.

9. PHYSICAL AND CHEMICAL PROPERTIES

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%

10. STABILITY AND REACTIVITY

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.

11. TOXICOLOGICAL INFORMATION

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:

Revision Number: 3  Revision Date: 03/02/94  MSDS Number: 004173
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.

12. ECOLOGICAL INFORMATION

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

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. Rinse empty container thoroughly before
discarding in trash.

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

15. REGULATORY INFORMATION

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

Revision Number: 3  Revision Date: 03/02/94  MSDS Number: 004173
16. OTHER INFORMATION

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.

************************************************************************

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 responsibil-
ity 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.

Revision Number: 3  Revision Date: 03/02/94  MSDS Number: 004173
NDA - No Data Available  NA - Not Applicable

©2001 Canadian Centre for Occupational Health & Safety