MSDS Canadian Centre for Occupational Health and Safety

\*\*\* IDENTIFICATION \*\*\*

MSDS RECORD NUMBER 2459943

: ORTHO Crab Grass Killer PRODUCT NAME(S)

PRODUCT NUMBER(S): AGC1000 UPC03921 PRODUCT IDENTIFICATION :

MSDS Number: 001341

1994-01-04 DATE OF MSDS :

: This MSDS was provided to CCOHS in electronic form on CURRENCY NOTE

2000-10-03

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

CHEVRON CHEMICAL COMPANY MANUFACTURER

ORTHO CONSUMER PRODUCTS

Post Office Box 5047 ADDRESS

San Ramon California U.S.A. 94583-0947

800-457-2022 (Health, 24 hr) EMERGENCY TELEPHONE NO. :

510-233-3737 (International, Health, 24 hr) 800-424-9300 (CHEMTREC, Transportation, 24 hr)

202-483-7616 (Transportation, 24 hr)

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

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ORTHO CrabGrass Killer

001341

Material Safety Data Sheet

CHEVRON

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# 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

ORTHO Crab Grass Killer

PRODUCT NUMBER(S): AGC1000 UPC03921

EMERGENCY TELEPHONE NUMBERS COMPANY IDENTIFICATION

HEALTH (24 hr): (800)457-2022 or CHEVRON CHEMICAL COMPANY (510)233-3737 (International) ORTHO CONSUMER PRODUCTS TRANSPORTATION (24 hr): CHEMTREC P.O. BOX 5047 (800)424-9300 or (202)483-7616 SAN RAMON, CA 94583-0947

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

100.0 % ORTHO Crab Grass Killer

CONTAINING

AGENCY/TYPE LIMIT/QTY AMOUNT COMPONENTS

OCTYLAMMONIUM METHANEARSONATE

8.0%

DODECYLAMMONIUM METHANEARSONATE

8.0%

INERT INGREDIENTS

84.0%

"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 ingredents 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.

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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 2 of 7 Page ORTHO Crab Grass Killer

#### 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.

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

<sup>3.</sup> HAZARDS IDENTIFICATION

Colorless liquid with amine odor

- CORROSIVE TO EYES
- CAUSES EYE DAMAGE
- HARMFUL IF SWALLOWED
- KEEP OUT OF REACH OF CHILDREN

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POTENTIAL HEALTH EFFECTS

EYE .

This substance is a severe eye irritant and could cause permanent damage

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to your eyes and blindness. 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 may cause skin irritation on prolonged or frequently repeated contact. 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. degree of injury will depend on the amount absorbed from the gut. INHALATION:

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

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:

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

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. TNHALATION:

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

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

EXTINGUISHING MEDIA:

NΑ

NFPA RATINGS: Health 3; 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

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isolate runoff and debris for proper disposal. Read the entire document. COMBUSTION PRODUCTS:

This material will not burn. Heating this material may produce amines and ammonia.

#### 6. ACCIDENTAL RELEASE MEASURES

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

PERSONAL PROTECTIVE EQUIPMENT

EYE/FACE PROTECTION:

Appropriate eye protection must be worn when working with this material or serious harm can result. Wear chemical goggles and a face shield at all times.

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. However, based on the skin and/or eye irritation potential, an approved respirator should be made available in case respiratory irritation occurs.

ENGINEERING CONTROLS:

Use this material only in well ventilated areas.

Revision Date: 01/04/94 MSDS Number: 001341 Revision Number: 5 359 1 CHVN NDA - No Data Available NA - Not Applicable Page 5 of 7 ORTHO Crab Grass Killer 9. PHYSICAL AND CHEMICAL PROPERTIES PHYSICAL DESCRIPTION: Colorless liquid with amine odor NDA VAPOR PRESSURE: 20 mm Hg @ 20C VAPOR DENSITY 0.62 (AIR=1):BOILING POINT: 105C FREEZING POINT: -3C MELTING POINT: NA Miscible with water. SOLUBILITY: SPECIFIC GRAVITY: 1.06 - 1.07 DENSITY: NDA EVAPORATION RATE: 1.2 (Bu Ac=1) PERCENT VOLATILE 15-16% (VOL): MOLECULAR WEIGHT: 300 (Average) 10. STABILITY AND REACTIVITY HAZARDOUS DECOMPOSITION PRODUCTS: Heating this material may produce amines and ammonia. CHEMICAL STABILITY: Stable. CONDITIONS TO AVOID: Avoid contact with active metals. INCOMPATIBILITY WITH OTHER MATERIALS: May react with strong acids or strong oxidizing agents, such as chlorates, nitrates, peroxides, etc. HAZARDOUS POLYMERIZATION: Polymerization will not occur. 11. TOXICOLOGICAL INFORMATION EYE EFFECTS: Corrosive (irreversible destruction of ocular tissue); or corneal involvement or irritation persisting for more than 21 days. SKIN EFFECTS: No product toxicology data available. ACUTE ORAL EFFECTS: The oral LD50 in rats is approximately 5g/kg. ACUTE INHALATION EFFECTS: No product toxicology data available. Revision Date: 01/04/94 MSDS Number: 001341 Revision Number: 5 359 1 CHVN NDA - No Data Available NA - Not Applicable Page 6 of 7 ORTHO Crab Grass Killer

#### 12. ECOLOGICAL INFORMATION

ECOTOXICITY.

No data available.

ENVIRONMENTAL FATE:

No data available.

## 13. DISPOSAL CONSIDERATIONS

DISPOSAL CONSIDERATIONS:

Check governmental regulations and local authorities for approved disposal of this material.

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

#### 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	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	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
10=PA RTK	20=EPA Carcinogen	30=Chevron STEL

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

#### 16. OTHER INFORMATION

NFPA RATINGS: Health 3; 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 revision was made for indexing purposes only. The document 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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