



Material Safety Data Sheet

NFPA	PPE		

Issued Date 08-Feb-2007

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Revision Number: 2

24-271 - DECCO 271 Aerosol

1. PRODUCT AND COMPANY IDENTIFICATION

DECCO

Cerexagri, Inc.
1713 S. California Ave.
Monrovia, CA 91016-0120

Emergency Telephone Number

Chemtrec: (800) 424-9300 (24hrs) or (703) 527-3887
Medical: Rocky Mountain Poison Control Center
(866) 767-5089 (24hrs)

Company Information
Decco-Cerexagri

Contact Information
Customer Service

Phone Number
626-358-1838

Available Hrs
8:00am - 5:00pm (PT)

Product Name DECCO 271 Aerosol
EPA Reg # 2792-70
Recommended Use Potato sprout inhibitor
Product Code 24-271

2. HAZARDS IDENTIFICATION

Emergency Overview
Harmful if swallowed
May cause eye and skin irritation

CAUTION

Appearance White, to, off-white.

Physical State crystals.

Odor Not available

Potential Health Effects

- Inhalation
- Skin contact

Eyes
Skin
Inhalation
Ingestion

May cause slight irritation.
May cause mild skin irritation.
May cause irritation of respiratory tract.
May be harmful if swallowed.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients Name

Chemical Name	CAS-No	Weight %	OSHA PEL

Chloropham	101-21-3	98+	N/A
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4. FIRST AID MEASURES

Eye Contact	Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing eye. If symptoms persist, call a physician
Skin Contact	Rinse skin immediately with plenty of water for 15-20 minutes. If skin irritation persists, call a physician
Inhalation	Move person to fresh air. If symptoms persist, call a physician
Ingestion	Have person sip a glass of water if able to swallow Do not induce vomiting unless told to do so by a poison control center or doctor If symptoms persist, call a physician Never give anything by mouth to an unconscious person
Notes to Physician	No information available

5. FIRE-FIGHTING MEASURES

Flammable Explosive Properties

Flash Point	175°C
Method	Tag closed cup
Autoignition Temperature	Not available

Flammability Limits in Air Not available

Extinguishing Media Use: Water spray, Carbon dioxide (CO₂), Foam, Dry chemical.

Fire/Explosion Hazard Firefighters and others who may be exposed to products of combustion should wear full fire fighting turn out gear and self-contained breathing apparatus. Fire fighting equipment should be thoroughly decontaminated after use.

Hazardous Combustion Products None known.

NFPA **Health** 1 **Flammability** 1 **Instability** 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Avoid contact with the skin and the eyes. Use personal protective equipment.
Environmental Precautions	Consult a regulatory specialist to determine appropriate state or local reporting requirements, for assistance in waste characterization and/or hazardous waste disposal and other requirements listed in pertinent environmental permits..
Methods for Clean-up	Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE

Handling	Avoid contact with skin and eyes. Keep out of reach of children. Wear personal protective equipment.
Storage	Keep in a dry, cool and well-ventilated place. Keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines	This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
Engineering Controls	Investigate engineering techniques to reduce exposures. Local mechanical exhaust ventilation is preferred. Consult ACGIH ventilation manual or NFPA Standard 91 for design of exhaust systems. .
Personal Protective Equipment	
Eye/face Protection	Avoid contact with eyes. Use eye protection to avoid eye contact. . Goggles.
Skin Protection	Rubber gloves.
Respiratory Protection	Avoid breathing dust. When airborne exposure limits are exceeded (see below), use NIOSH approved respiratory protection equipment appropriate to the material and/or its components. Consult respirator manufacturer to determine appropriate type equipment for given application. Observe respirator use limitations specified by NIOSH or the manufacturer. .

General Hygiene Considerations

Do not eat, drink or smoke when using this product. Wear suitable gloves and eye/face protection. Wash hands before breaks and immediately after handling the product. Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White to off-white	Odor	Not available
Physical State	crystals	pH	No data available
Boiling Point/Range	Not available	Melting Point/Range	Not available
Specific Gravity	1.180 @30C	Solubility	89 mg/l @ 25 C
Evaporation Rate	Not available	Vapor Pressure	1.3 X 10 ⁻⁵
Vapor Density	Not available	VOC Content	Not available
Viscosity	Not available	Molecular Weight	No data available
Bulk Density	No data available	Percent Solids	Not available
Percent Volatiles	Not available		

10. STABILITY AND REACTIVITY

Stability	Stable under recommended storage conditions
Conditions to Avoid	Keep away from children.
Incompatible Materials	No materials to be especially mentioned
Hazardous Decomposition Products	None under normal use
Possibility of Hazardous Polymerization	Hazardous polymerisation does not occur

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Component Information

Chloropham:

Rats given protein deficient diets showed increased susceptibility to acute effects of this material. Repeated oral exposure produced effects on the blood of rats and mice. Long-term feeding studies in rats and dogs produced no adverse effects. No increase in skin or lung tumors was observed in mice fed this material and challenged with promoting agents on the skin. Birth defects were observed in the offspring of mice following oral exposure during pregnancy. No genetic changes were observed in tests using bacteria or animals, but changes were observed in animal cells.

Single exposure studies indicate that this material is slightly toxic if swallowed (rat LD50 3,950->5,000 mg/kg) practically non-toxic if absorbed through skin (rabbit LD50 >20,000 mg/kg) or inhaled (rat 4 hr LC50 >5 mg/l) and slightly irritating to rabbit eyes and skin.

Chronic Toxicity

There are no known carcinogenic chemicals in this product

Carcinogenicity

12. ECOLOGICAL INFORMATION

Ecotoxicity**Chloropham:**

This material is moderately to slightly toxic to bluegill sunfish, bass and carp (LC50 8-12 mg/l). It is highly toxic to Daphnia magna (LC50 0.05 mg/l).

Chem Fate:

This material has been reported to undergo microbial degradation in soil and water..

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide or rinsate is a violation of Federal law. If the wastes cannot be disposed of by use or according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. .

Contaminated Packaging

Empty containers should be taken for local recycling, recovery or waste disposal

14. TRANSPORT INFORMATION

DOT Not regulated

ICAO Not regulated

IATA Not regulated

IMDG/IMO Not regulated

15. REGULATORY INFORMATION

International Inventories**Chloropham**

EINECS/ELINCS	Listed
ENCS	Listed
CHINA	Listed
KECL	Listed

USA**Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40n of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazardous Categorization
Chronic Health Hazard

No

Acute Health Hazard	Yes
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product does not contain any HAPs.

CERCLA**RCRA****Pesticide Information****State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

State Right-to-Know**International Regulations**

Mexico - Grade Not available

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

Not determined

16. OTHER INFORMATION

Revision Date 08-Feb-2007

Revision Summary

Update to add NFPA and PPE graphics Update section 2

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End of MSDS