



Material Safety Data Sheet

NFPA	PPE		

Issued Date 08-Feb-2007

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Revision Number: 2

24-305 - DECCOQUIN 305 Concentrate

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 DECCOQUIN 305 Concentrate
EPA Reg # 2792-38
Recommended Use Pear scald inhibitor
Product Code 24-305

2. HAZARDS IDENTIFICATION

Emergency Overview
 May cause eye and skin irritation

CAUTION

Appearance Dark brown.

Physical State Liquid.

Odor Not available

Potential Health Effects

- Inhalation
- Skin contact

Acute Effects

Based on single exposure animal tests, it is considered to be slightly toxic if swallowed, no more than slightly toxic if inhaled and slightly irritating to the eyes and skin. Inhalation may be irritating to the respiratory tract.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients Name

Chemical Name	CAS-No	Weight %	OSHA PEL
Ethoxylated castor oil	61791-12-6	>15	N/A
Ethoxyquin	91-53-2	50	N/A

Oleic acid	112-80-1	<5	N/A
Nonyl phenol ethoxylate, branched	127087-87-0	<5	N/A
Atmos 300	67701-32-0	17.4	N/A

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 breathing is difficult, give oxygen. If symptoms persist, call a physician
Ingestion	Call a physician or poison control center for treatment advice. Do not induce vomiting unless told to do so by a poison control center or doctor. Never give anything by mouth to an unconscious person
Notes to Physician	No information available

5. FIRE-FIGHTING MEASURES

Flammable Explosive Properties

Flash Point	Not available			
Autoignition Temperature	Not available			
Flammability Limits in Air	Not available			
Extinguishing Media	Use: Water spray, Carbon dioxide (CO ₂), 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	<table style="width: 100%; border: none;"> <tr> <td style="width: 25%; text-align: center;">Health 1</td> <td style="width: 25%; text-align: center;">Flammability 0</td> <td style="width: 25%; text-align: center;">Instability 0</td> </tr> </table>	Health 1	Flammability 0	Instability 0
Health 1	Flammability 0	Instability 0		

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Avoid contact with the skin and the eyes.
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	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE

Handling	Keep out of reach of children. Avoid contact with skin and eyes. Wash thoroughly after handling. . Ensure adequate ventilation. Do not eat, drink or smoke when using this
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product.

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. .

Skin Protection

Wear protective gloves/clothing. Rubber gloves.

Respiratory Protection

Where airborne exposure is likely, use NIOSH approved respiratory protection equipment appropriate to the material and/or its components. Full facepiece equipment is recommended and, if used, replaces need for face shield and/or chemical goggles. If exposures cannot be kept at a minimum with engineering controls, consult respirator manufacturer to determine appropriate type equipment for given application. Observe respirator use limitations specified by NIOSH or the manufacturer. For emergency and other conditions where there may be a potential for significant exposure, use an approved full face positive-pressure, self-contained breathing apparatus. Respiratory protection programs must comply with 29 CFR 1910.134. .

General Hygiene Considerations

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Dark brown	Odor	Not available
Physical State	Liquid	pH	No data available
Boiling Point/Range	Not available	Melting Point/Range	Not available
Specific Gravity	1.028 g/cc	Solubility	Miscible
Evaporation Rate	Not available	Vapor Pressure	Not available
Vapor Density	Not available	VOC Content	Not available
Viscosity	Not available	Molecular Weight	No data available
Bulk Density	8.59 lb/gal	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

Product Information

305- Single exposure studies indicate:
Oral - Slightly toxic to rats (LD50 3,100-3,250 mg/kg)
Inhalation - No more than slightly toxic to rats (LC50 >2.02 mg/l)
Eye irritation - Slightly irritating to rabbits
Skin irritation - Slightly irritating to rabbits

No skin allergy was observed in guinea pigs following repeated exposure.

Chronic Toxicity

There are no known carcinogenic chemicals in this product

Carcinogenicity

12. ECOLOGICAL INFORMATION

Ecotoxicity

Oleic acid -

This material is practically non-toxic to fathead minnow (96 hr LC50 205 mg/l) .

Nonylphenol ethoxylate, branched-

This material is moderately toxic to Daphnia magna (48 hr EC50 1.6 mg/l) and fathead minnowe (96 hr LC50 1.2 mg/l). It is practically non-toxic to bacteria (LC50 2,400 mg/l) .

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

Ethoxylated castor oil

DSL	Listed
ENCS	Listed
CHINA	Listed
KECL	Listed

Ethoxyquin

DSL	Listed
EINECS/ELINCS	Listed
ENCS	Listed
CHINA	Listed
KECL	Listed

Oleic acid

DSL	Listed
EINECS/ELINCS	Listed
ENCS	Listed
CHINA	Listed
KECL	Listed

Nonyl phenol ethoxylate, branched

DSL	Listed
CHINA	Listed

KECL	Listed
Atmos 300	
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

Chemical Name	NPRI
Nonyl phenol ethoxylate, branched	X

16. OTHER INFORMATION

Revision Date 08-Feb-2007

Revision Summary

Update to add NFPA and PPE graphics

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End of MSDS