



Material Safety Data Sheet

NFPA	PPE		

Issued Date 08-Feb-2007

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Revision Number: 2

24-287 - DECCO Citrus Lustr 287

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 Citrus Lustr 287
Recommended Use Citrus wax coating
Product Code 24-287

2. HAZARDS IDENTIFICATION

Emergency Overview
 May cause eye and skin irritation

WARNING!
Appearance Brown, Translucent. **Physical State** Liquid. **Odor** Not available

Potential Health Effects

- Inhalation
 - Skin contact
- Acute Effects**

Inhalation and skin contact are expected to be the primary routes of occupational exposure to this material. These materials generally have low vapor pressure at room temperature and are not expected to present a significant inhalation hazard under ambient conditions. However, precautions should be taken to limit aerosolization or misting of this material, as repeated exposure to high concentrations of mist may cause lipid pneumonia.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients Name			
Chemical Name	CAS-No	Weight %	OSHA PEL

Morpholine oleate	1095-66-5	1-30	N/A
Shellac	9000-59-3	1-40	N/A
Casein	9000-71-9	1-40	N/A
Octylphenoxy polyethoxyethanol	9036-19-5	1	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. Call a poison control center or doctor for treatment advice.
Skin Contact	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call poison control center or doctor for treatment advice.
Inhalation	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration. Call a poison control center or doctor for further treatment advice.
Ingestion	Call a physician or Poison Control Centre immediately Do not induce vomiting unless told to do so by a poison control center or doctor Call a physician or poison control center for treatment advice. Never give anything by mouth to an unconscious person
Notes to Physician	No information available

5. FIRE-FIGHTING MEASURES

Flammable Explosive Properties			
Flash Point	> 200°F		
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	No information available.		
NFPA	Health 1	Flammability 1	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	Avoid contact with skin and eyes. Avoid breathing vapors or mists. Keep out of reach of children.
Storage	Keep out of the reach of children. Keep in a dry, cool and well-ventilated place. Do not store near strong acids.

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	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

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Brown Translucent	Odor	Not available
Physical State	Liquid	pH	approx.8.6
Boiling Point/Range	Not available	Melting Point/Range	Not available
Specific Gravity	Not available	Solubility	Miscible
Evaporation Rate	Not available	Vapor Pressure	Not available
Vapor Density	Not available	VOC Content	Not available
Viscosity	10.5 cps	Molecular Weight	No data available
Bulk Density	8.75 lbs/gal	Percent Solids	17.75
Percent Volatiles	Not available		

10. STABILITY AND REACTIVITY

Stability	Stable under recommended storage conditions
Conditions to Avoid	No information available. Do not store near strong acids.
Incompatible Materials	No materials to be especially mentioned.
Hazardous Decomposition Products	No information available.
Possibility of Hazardous Polymerization	Hazardous polymerisation does not occur

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information

287-

Based on the composition, it is anticipated to be practically non-toxic if swallowed or absorbed through the skin, and slightly irritating to eyes and skin. On the basis of available information, exposure to this material is not expected to produce significant adverse human health effects; however, use of appropriate hygiene and safety precautions to control exposure is recommended when handling it using the product.

Chronic Toxicity

There are no known carcinogenic chemicals in this product

Carcinogenicity

12. ECOLOGICAL INFORMATION

Ecotoxicity

Octylphenoxy polyethoxyethanol

This material is highly toxic to *See-nastrum capricornutum* (96 hr LC50 0.21 mg/l); moderately toxic to trout (LC50 7.2 mg/l) and fathead minnow (96 hr LC50 8.9 mg/l) and slightly toxic to sheepshead minnow (96 hr LC50 32 mg/l) *Daphnia magna* (48 hr EC50 21 mg/l) and practically non-toxic to *Mysidopsis bahia* (96 hr LC50 320 mg/l).

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method

Dispose of in accordance with all applicable federal, state, and local laws and regulations.

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

Morpholine oleate

DSL	Listed
EINECS/ELINCS	Listed
CHINA	Listed
KECL	Listed

Shellac

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

Casein

DSL	Listed
EINECS/ELINCS	Listed
CHINA	Listed
KECL	Listed

Octylphenoxy polyethoxyethanol

DSL	Listed
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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
Octylphenoxy polyethoxyethanol	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