



Material Safety Data Sheet

NFPA	PPE		

Issued Date 08-Feb-2007

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Revision Number: 2

24-402 - DECCO Citrus Lustr 402

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 402
Recommended Use Citrus wax coating
Product Code 24-402

2. HAZARDS IDENTIFICATION

Emergency Overview
 May cause eye and skin irritation

CAUTION
Appearance Translucent, Brown. **Physical State** Liquid. **Odor** Slight ammonia.

Potential Health Effects

- Inhalation
 - Skin contact
- | | |
|-------------------|--|
| Eyes | May cause slight irritation. |
| Skin | May cause mild skin irritation. |
| Inhalation | May cause irritation of respiratory tract. |

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients Name

Chemical Name	CAS-No	Weight %	OSHA PEL
Morpholine oleate	1095-66-5	4	N/A
Shellac	9000-59-3	>10	N/A
Casein	9000-71-9	1	N/A

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

Eye wash bottle with pure water. Use eye protection to avoid eye contact. .

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	Translucent Brown	Odor	Slight ammonia
Physical State	Liquid	pH	approx.8.8
Boiling Point/Range	Not available	Melting Point/Range	Not available
Specific Gravity	1.03 g/cc	Solubility	Completely soluble
Evaporation Rate	Not available	Vapor Pressure	Not available
Vapor Density	Not available	VOC Content	Not available
Viscosity	12 cps (+/-5)	Molecular Weight	No data available
Bulk Density	8.58 lb/gal	Percent Solids	19.5%
Percent Volatiles	Not available		

10. STABILITY AND REACTIVITY

Stability	Stable under recommended storage conditions
Conditions to Avoid	Heat, flames and sparks
Incompatible Materials	No materials to be especially mentioned.
Hazardous Decomposition Products	None known.
Possibility of Hazardous Polymerization	Hazardous polymerisation does not occur

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Component Information

Casein:

Workplace case reports indicate that acute overexposure has resulted in lung irritation and allergic respiratory reactions including asthma. Skin allergy has been observed following repeated exposure of humans and guinea pigs in controlled skin contact studies. Human experience indicates that persons

allergic to cow's milk may have an increased susceptibility for allergic reactions. Following repeated dietary exposure, mild kidney damage was observed in mice. Kidney, liver and spleen changes were observed in long-term dietary studies in rats, but no adverse effects were observed in mice. No birth defects were noted in the offspring of rats exposed orally during pregnancy. No effects were noted on the ability of male or female rats to reproduce when exposed orally for 5 generations.

Shellac:

No skin allergy was observed in humans or guinea pigs following repeated exposure (6% cosmetic formulation). Repeated inhalation exposure of rabbits to hair spray formulations containing this material caused no toxicity to the respiratory tract or lungs. Repeated exposure in the feed of rats produced no signs of toxicity or adverse effects on reproductive success or offspring development. No genetic changes were observed in tests using bacteria or animal cells.

Single exposure studies indicate that this material is practically non-toxic if swallowed (rat LD50 >5,000 mg/kg) or absorbed through skin (rabbit LD50 >10,000 mg/kg, 6% cosmetic formulation), non-irritating to rabbit skin (6% cosmetic formulation) and slightly irritating to rabbit eyes (6% cosmetic formulation).

Morpholine oleate:

No toxic or carcinogenic effects were observed in mice following repeated exposure in their drinking water.

Modified rosin ester

Prolonged exposure may cause allergic skin reaction.

Chronic Toxicity

There are no known carcinogenic chemicals in this product

Carcinogenicity

12. ECOLOGICAL INFORMATION

Ecotoxicity

No information available.

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	

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

Add to new MSDS system

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End of MSDS