



Material Safety Data Sheet

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|-------------|------------|--|--|
| NFPA | PPE | | |
| | | | |

Issued Date 08-Feb-2007

Revision Date 13-Jan-2009

Revision Number: 4

24-202 - DECCO Lustr 202

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) 673-6671 (24hrs)

Company Information

Decco-Cerexagri

Contact Information

Customer Service

Phone Number

626-358-1838

Available Hrs.

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

Product Name

DECCO Lustr 202

Recommended Use

Fruit coating for lemons, cantaloupes, and stonefruit

Product Code

24-202

2. HAZARDS IDENTIFICATION

Emergency Overview

May cause eye and skin irritation

CAUTION

Appearance Beige.

Physical State Emulsion.

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.
Ingestion may cause irritation .

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients Name

| Chemical Name | CAS-No | Weight % | OSHA PEL |
|-------------------|-----------|----------|----------|
| Morpholine oleate | 1095-66-5 | 7 | N/A |

| | | | |
|--------------|------------|------|---------------------------|
| Polyethylene | 68441-17-8 | 13.1 | N/A |
| Paraffin | 8002-74-2 | 4.4 | 2 mg/m ³ Fume. |

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 | Wash off with warm water and soap If skin irritation persists, call a physician |
| Inhalation | Move person to fresh air. If symptoms persist, call a physician |
| Ingestion | Never give anything by mouth to an unconscious person 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 Call a physician or poison control center for treatment advice. |
| Notes to Physician | No information available |

5. FIRE-FIGHTING MEASURES

Flammable Explosive Properties

| | |
|---------------------------------|----------------|
| Flash Point | > 220°F |
| 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 | 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. Keep out of reach of children. |
| Storage | Keep out of the reach of children. Keep in a dry, cool and well-ventilated place. |

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

| Chemical Name | ACGIH TLV | OSHA PEL |
|---------------|---------------------------|---------------------------|
| Paraffin | 2 mg/m ³ Fume. | 2 mg/m ³ Fume. |

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

Lightweight protective 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

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

9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|---------------------|---------------|---------------------|-------------------|
| Appearance | Beige | Odor | Not available |
| Physical State | Emulsion | pH | approx.9.4 |
| Boiling Point/Range | Not available | Melting Point/Range | Not available |
| Specific Gravity | 0.985 g/cc | Solubility | Not available |
| 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 | 8.22 lb/gal | Percent Solids | 19-21% |
| 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 | No information available. |
| Possibility of Hazardous Polymerization | Hazardous polymerisation does not occur |

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Component Information

Morpholine oleate:

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

Polyethylene

Single exposure studies indicate that this material is practically non-toxic to rats of swallowed (LD50 > 7,950 mg/kg) or inhaled (LC50 75.5 mg/l)

Paraffin

This material is neither digested nor absorbed and is considered non-toxic. When ingested, it has been reported to have mild laxative effects.

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 local 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 |

Polyethylene

| | |
|--------------|--------|
| DSL | Listed |
| ENCS | Listed |
| CHINA | Listed |
| KECL | Listed |

Paraffin

| | |
|----------------------|--------|
| DSL | Listed |
| 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

| Chemical Name | Massachusetts | New Jersey | Pennsylvania | Illinois | Rhode Island |
|---------------|---------------|------------|--------------|----------|--------------|
| Paraffin | Listed. | | | Listed. | |

International Regulations**Mexico - Grade**

Mexico - Grade

| Chemical Name | Category | Carcinogen Status | Exposure Limits |
|---------------|----------|-------------------|---------------------------|
| Paraffin | | | 2 mg/m ³ Fume. |

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

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|------------------------------|
| 16. OTHER INFORMATION |
|------------------------------|

Revision Date

13-Jan-2009

Revision Summary

Update section 15

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End of MSDS