



# Material Safety Data Sheet

<b>NFPA</b>	<b>PPE</b>		

Issued Date 25-May-2007

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Revision Number: 3

24-575 - DeccoNatur(TM) 575

## 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**

DeccoNatur(TM) 575

**Recommended Use**

Organic Fruit Coating

**Product Code**

24-575

## 2. HAZARDS IDENTIFICATION

**Emergency Overview**

Product dust may be irritating to eyes, skin and respiratory system

**Appearance** Dark brown, Translucent.

**Physical State** Liquid.

**Odor** Not available

Potential Health Effects

**Eyes**

Can cause slight to moderate irritation to the eyes..

**Skin**

May cause skin irritation. Prolonged or repeated contact may cause irritation, redness and rash..

**Inhalation**

May cause irritation of respiratory tract.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Ingredients Name**

Chemical Name	CAS-No	Weight %	OSHA PEL
Shellac	9000-59-3	<30	N/A
Sodium hydroxide	1310-73-2	<15	N/A



established by the region specific regulatory bodies.

**Engineering Controls**

Ensure adequate ventilation, especially in confined areas

**Personal Protective Equipment**

**Eye/face Protection**

Where there is potential for eye contact have eye flushing equipment available.. Use eye protection to avoid eye contact. . If splashes are likely to occur, wear:. Goggles. Face-shield.

**Skin Protection**

Wear protective gloves/clothing.

**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**

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

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	Dark brown Translucent	<b>Odor</b>	Not available
<b>Physical State</b>	Liquid	<b>pH</b>	approx.8.5
<b>Boiling Point/Range</b>	Not available	<b>Melting Point/Range</b>	Not available
<b>Specific Gravity</b>	1.003 gm/cc	<b>Solubility</b>	Not available
<b>Evaporation Rate</b>	Not available	<b>Vapor Pressure</b>	Not available
<b>Vapor Density</b>	Not available	<b>VOC Content</b>	Not available
<b>Viscosity</b>	Not available	<b>Molecular Weight</b>	No data available
<b>Bulk Density</b>	8.40 lb/gal	<b>Percent Solids</b>	21.5-22.5
<b>Percent Volatiles</b>	Not available		

**10. STABILITY AND REACTIVITY**

<b>Stability</b>	Stable under normal conditions
<b>Conditions to Avoid</b>	Keep away from children.
<b>Incompatible Materials</b>	No materials to be especially mentioned
<b>Hazardous Decomposition Products</b>	No information available.
<b>Possibility of Hazardous Polymerization</b>	None under normal processing

**11. TOXICOLOGICAL INFORMATION**

**Acute Toxicity**

**Component Information**

**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 kthat 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).

#### Sodium hydroxide

Single exposure studies indicate that this material is slightly toxic if absorbed through skin (rat LD50 1,350 mg/kg) and corrosive to rabbit eyes and skin. Many publications in the scientific literature confirm that this material is corrosive to all tissues. Repeated inhalation resulted in lung damage in rats. No tumors were seen in long-term animal studies. No genetic changes were observed in tests using bacteria.

No significant increases in mortality in relation to duration or intensity of exposures were reported in an epidemiologic study of a small group of workers exposed to caustic dust for 30 + years. Massive ingestion of this material has been implicated as causing esophageal cancer. Squamous cell carcinomas of the esophagus occurred approximately 12-24 years later in individuals who survived accidental childhood ingestion and are likely due to the tissue destruction and possible scarring of the esophagus rather than a direct effect of this material.

#### Chronic Toxicity

There are no known carcinogenic chemicals in this product

#### Carcinogenicity

## 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

##### Sodium hydroxide

Data from several species of fish showed a range of tolerance (brook trout - spotfin and Lake Emerald shiners - minnows - mosquitofish - goldfish) that was most likely related to changes in the pH produced by addition of sodium hydroxide to the water. The minimum lethal concentration for minnows, Mayfly larvae and Daphnia was 100 ppm and for Chironomus larvae 700 ppm.

## 13. DISPOSAL CONSIDERATIONS

<b>Waste Disposal Method</b>	Dispose of in accordance with all applicable federal, state, and local laws and regulations.
<b>Contaminated Packaging</b>	Empty containers should be taken for local recycling, recovery or waste disposal

## 14. TRANSPORT INFORMATION

<b>DOT</b>	Not regulated
<b>ICAO</b>	Not regulated
<b>IATA</b>	Not regulated
<b>IMDG/IMO</b>	Not regulated

## 15. REGULATORY INFORMATION

#### International Inventories

Shellac

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 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**

Chemical Name	RQ
Sodium hydroxide	Listed.

**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 14-Jan-2009

**Revision Summary**

Update section 15

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End of MSDS