



Material Safety Data Sheet

NFPA	PPE		

Issued Date 08-Feb-2007

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Revision Number: 2

24-320 - DECCOSAN 320

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	DECCOSAN 320
EPA Reg #	2792-56
Recommended Use	Disinfectant, deodorizer, and sanitizer
Product Code	24-320

2. HAZARDS IDENTIFICATION

Emergency Overview
 Causes irreversible eye damage
 Causes digestive tract burns.
 Harmful if swallowed
 The product causes burns of eyes, skin and mucous membranes

DANGER!

Appearance Clear, Green.

Physical State Liquid.

Odor Not available

Potential Health Effects

- Inhalation
 - Skin contact
- Acute Effects**

320- Based on single exposure animal tests and human exposure, it is considered to be moderately toxic if swallowed, corrosive to eyes and skin and severely irritating to the respiratory tract. Direct contact with dilute solutions is severely irritating. Repeated exposure may cause allergic skin reaction. Inhalation of vapor or mist may cause lung effects including asthma. If swallowed, this material may cause mild to severe burns to the mouth, throat and digestive tract and central nervous system (CNS) effects such as headache, dizziness, nausea, drowsiness and muscle weakness. Medical conditions that may be aggravated by exposure to this material include lung disease or limited respiratory capacity.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients Name

Chemical Name	CAS-No	Weight %	OSHA PEL
Nonylphenoxy poly (ethyleneoxy) ethanol	9016-45-9	1-30	N/A
Sodium carbonate	497-19-8	1-20	N/A
Alkyl diemthylbenzyl ammonium chloride	8001-54-5	6.4	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.
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
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.
Never give anything by mouth to an unconscious person

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

Extnguishing Media

Use: Water spray, 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

Avoid breathing fumes from fire exposed material. .

NFPA

Health 3

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	Keep out of reach of children. Remove all sources of ignition. Avoid contact with skin and eyes. Do not breathe vapours or spray mist. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. . Empty containers may contain hazardous residues.
Storage	Keep in a dry, cool and well-ventilated place. The minimum recommended storage temperature for this material is 50 F. the maximum recommended storage temperature for this material is 120 F. .

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	Chemical resistant gloves. 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

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear Green	Odor	Not available
Physical State	Liquid	pH	(@25 C)11.87
Boiling Point/Range	Not available	Melting Point/Range	Not available
Specific Gravity	1.04 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	8.63 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	Strong oxidizing agents.
Hazardous Decomposition Products	Nitrogen oxides (NOx). Ammonical vapors.
Possibility of Hazardous Polymerization	Hazardous polymerisation does not occur

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Component Information

Alkyl dimethylbenzene ammonium chloride

Single exposure studies indicate that this material is moderately toxic to rats of swallowed (LD50 234 mg/kg) moderately irritating to rabbit skin (10%) and severely irritating to rabbit eyes (10%).

The acute oral lethal dose in humans is 1,000 - 3,000 mg. Concentrated solutions are reportedly corrosive to eyes and skin and severely irritating to the respiratory tract. Skin allergy has been observed in humans following exposure to this material. Inhalation of vapor or mist has been reported to cause lung effects including asthma, bronchoconstriction and bronchospasm. Accidental ingestion has caused central nervous system (CNS) effects such as headache, dizziness, nausea, drowsiness and muscle weakness. Following repeated dietary exposure, no effects were observed in mice, rats, rabbits, and dogs. No adverse effects were observed in long-term oral and skin exposure studies of this material in mice, rats and rabbits. This material did not increase the incidence of tumors in long-term oral studies in mice and rabbits. This material produced no genetic changes in standard tests using bacterial and animal cells.

Chronic Toxicity

There are no known carcinogenic chemicals in this product

Carcinogenicity

12. ECOLOGICAL INFORMATION

Ecotoxicity

Alkyl diemthylbenzene ammonium chloride

Freshwater vertebrates

96 hr LC50 Bleak fish 5.5-5.6 mg/l, Moderately toxic

Marine vertebrates

96 hr LC50 Harpacticoid 0.9 mg/l; Highly toxic.

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

Proper Shipping Name	Disinfectants, liquids, corrosive, n.o.s. (quaternary ammonium compounds)
Hazard Class	8
UN-No	1903
Packing Group	PG II

ICAO

UN-No	1903
Proper Shipping Name	Disinfectants, liquids, corrosive, n.o.s. (quaternary ammonium compounds)
Hazard Class	8
Packing Group	PG II

IATA

UN-No	1903
Proper Shipping Name	Disinfectants, liquids, corrosive, n.o.s. (quaternary ammonium compounds)
Hazard Class	8
Packing Group	PG II
ERG Code	8 L

IMDG/IMO

Proper Shipping Name	Disinfectants, liquids, corrosive, n.o.s. (quaternary ammonium compounds)
Hazard Class	8
UN-No	1903
Packing Group	PG II
EmS No.	F-A, S-B

15. REGULATORY INFORMATION

International Inventories

Nonylphenoxy poly(ethyleneoxy) ethanol

DSL	Listed
ENCS	Listed
CHINA	Listed
KECL	Listed

Sodium carbonate

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

Alkyl dimethylbenzyl ammonium chloride

DSL	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 40 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
Nonylphenoxypoly(ethyleneoxy)ethanol	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