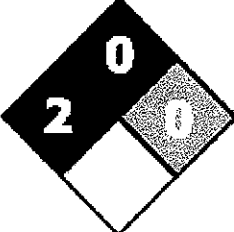






Material Safety Data Sheet

NFPA	PPE	
		

Issued Date 08-Feb-2007

Revision Date 15-Jan-2009

Revision Number: 4

24-241 - DECCO Fruit & Vegetable Kleen 241

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 Fruit & Vegetable Kleen 241
Recommended Use Cleaner for postharvest washing of fruits and vegetables
Product Code 24-241

2. HAZARDS IDENTIFICATION

Emergency Overview
 Severe eye irritation
 Causes severe skin irritation
 May cause allergic skin reaction
 May cause irritation of respiratory tract

CAUTION

Appearance Clear, Light yellow.

Physical State Liquid.

Odor Not available

Potential Health Effects

- Inhalation
- Skin contact

Acute Effects

Eyes
Skin

Inhalation
Ingestion

Due to the alkaline nature of this material, it is considered to be corrosive to the eyes, skin and respiratory tract and may cause effects on the urinary tract if swallowed. Dilute solutions are also irritating to the eyes, skin, and respiratory tract. Repeated or prolonged contact may cause allergic skin reaction.

Severely irritating to the eyes.
 Severely irritating to the skin. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.
 Irritating to respiratory system.
 Harmful if swallowed.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients Name

Chemical Name	CAS-No	Weight %	OSHA PEL
Sodium dodecylbenzene sulfonate	25155-30-0	8.6	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

Wash off with warm water and soap
Take off contaminated clothing.
If symptoms persist, call a physician

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 Center immediately
Do not induce vomiting unless told to do so by a poison control center or doctor
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

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

No information available.

NFPA

Health 2

Flammability 0

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. Empty containers may contain hazardous residues.

Storage Keep in a dry, cool and well-ventilated place. Keep out of the reach of children.

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

Goggles. Avoid contact with eyes. If splashes are likely to occur, wear:. Eye/face Protection.

Skin Protection

Chemical resistant gloves. Chemical resistant apron.

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

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear Light yellow	Odor	Not available
Physical State	Liquid	pH	approx.8
Boiling Point/Range	Not available	Melting Point/Range	Not available
Specific Gravity	1.02 g/cc	Solubility	Miscible
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	8.51 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	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

Sodium dodecylbenzene sulfonate

Single exposure studies indicate that this material is slightly toxic if swallowed (rat LD50 1,260 mg/kg) moderately toxic if absorbed through skin (rat minimal dose 200-1,260 mg/kg) and severely irritating to rabbit skin and eyes.

Allergic skin reactions were observed in guinea pigs. Studies with human volunteers have shown moderate skin irritation, but no evidence of allergic skin reactions. Repeated administration in the drinking water or diet of rats produced adverse effects on the kidney and intestinal lining and hemosiderosis in the spleen, liver and kidney; hemosiderosis in the spleen was also observed in dogs. Long term dietary administration resulted in decreased weight gain and changes in the liver, kidney and intestinal lining. No tumors were observed in rats following long-term inhalation exposure or in mice following long-term application to the skin. Adverse effects were observed in the offspring of mice exposed orally and dermally during pregnancy, but only at amounts that produced adverse effects in the mother. No effects were seen on the ability of male or female rats to reproduce following administration in the diet for 3 generations. No genetic changes were observed in tests using bacteria or animal cells.

Chronic Toxicity

There are no known carcinogenic chemicals in this product

Carcinogenicity

12. ECOLOGICAL INFORMATION

Ecotoxicity

Sodium dodecylbenzene sulfonate

This material is slightly toxic to fresh water algae (EC50 10-100 mg/l) and moderately toxic to freshwater fish (LC50 7 mg/l) .

Chem Fate:

Anionic surfactants of this type are readily biodegradable. .

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

Sodium dodecylbenzene sulfonate

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

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Sodium dodecylbenzene sulfonate	1000 lbs			Listed.

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 dodecylbenzene sulfonate	Listed.

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
Sodium dodecylbenzene sulfonate	Listed.			Listed.	

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 15-Jan-2009

Revision Summary
Update section 15

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End of MSDS