



Material Safety Data Sheet

United Phosphorus, Inc.

NFPA	PPE		

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24-F&VK ORG - DeccoNatur(TM) Kleen

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)

<u>Company Information</u>	<u>Contact Information</u>	<u>Phone Number</u>	<u>Available Hrs</u>
Decco-Cerexagri	Customer Service	626-358-1838	8:00am - 5:00pm (PT)

Product Name	DeccoNatur(TM) Kleen
Recommended Use	Fruit & Vegetable Cleaner
Product Code	24-F&VK ORG

2. HAZARDS IDENTIFICATION

Emergency Overview
 May cause eye and skin irritation

CAUTION		
Appearance Clear.	Physical State Liquid.	Odor No characterisitc odor.

Potential Health Effects

Eyes	Contact with eyes may cause irritation.
Skin	May cause skin irritation.
Ingestion	Ingestion may cause irritation .

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients Name	CAS-No	Weight %	OSHA PEL
Chemical Name			

Keep out of reach of children. Wash thoroughly after handling. .

Storage Store in original packagings. . Keep in a dry, cool and well-ventilated place.

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 Where there is potential for eye contact have eye flushing equipment available.. Use eye protection to avoid eye contact. .

Skin Protection Lightweight protective 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. Wash hands and face before breaks and immediately after handling the product. Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear	Odor	No characterisitic odor
Physical State	Liquid	pH	11.5
Boiling Point/Range	Not available	Melting Point/Range	Not available
Specific Gravity	1.182 gm/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	9.8 lbs/gal	Percent Solids	Not available
Percent Volatiles	Not available		

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions
Conditions to Avoid	No information available.
Incompatible Materials	Slightly reactive with acids.
Hazardous Decomposition Products	None under normal use
Possibility of Hazardous Polymerization	None under normal processing

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Component Information

Sodium carbonate
Single exposure studies indicate that this material is slightly toxic if swallowed (rat LD50 2,880-4,090 mg/kg) or inhaled (rat LC50 2hr 2.3mg/l), slightly

irritating to human and rabbit skin and severely irritating to rabbit eyes. Workers exposed to dust in mining operations have reported upper respiratory irritation, coughing, nasal septum perforations and increased evidence of lung function impairment. Accidental swallowing or inhalation of laundry powders containing this material by children resulted in upper respiratory distress, and in once case, death. Symptoms of poisoning include abdominal pain and inflammation of the gastrointestinal tract. No skin allergy was observed in guinea pigs following repeated exposure. Inhalation exposure of rats showed damage to the ciliated epithelia of the trachea and acute inflammation of the larynx. Human subjects with preexisting mild asthma showed no decrease in lung function when exposed to aerosols containing this and other sodium compounds. Administration to rats and mice during pregnancy resulted in no increase in birth defects in the offspring. 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 carbonate

This material is practically non-toxic to bluegill (96 hr LC50 300 mg/l) mosquito fish (96 hr LC50 740 mg/l) algae (120 hr EC50 242 mg/l) and Daphnia magna (48 hr LC50 265-565 mg/l) It is slightly toxic to fathead minnow (median tolerated level 32.7 mg/L).

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method

Dispose of in accordance with all applicable federal, state, and local laws and regulations.

Contaminated Packaging

Refer to product label.

14. TRANSPORT INFORMATION

DOT Not regulated

ICAO Not regulated

IATA Not regulated

IMDG/IMO Not regulated

15. REGULATORY INFORMATION

International Inventories

Sodium carbonate

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**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 12-Nov-2008

Revision Summary

Add to system

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End of MSDS