



# Material Safety Data Sheet

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

Issued Date 08-Feb-2007

Revision Date 13-Jan-2009

Revision Number: 5

24-219 - DECCO Potato Stabilizer 219

## 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 Potato Stabilizer 219

**Recommended Use**

Color stabilizing solution

**Product Code**

24-219

## 2. HAZARDS IDENTIFICATION

**Emergency Overview**

Irritating to respiratory system  
May cause allergic skin reaction  
May cause allergic respiratory reaction  
May cause eye and skin irritation

**WARNING!**

**Appearance** Clear, Colorless.

**Physical State** Liquid.

**Odor** Rotten egg-like.

Potential Health Effects

- Inhalation
- Skin contact

**Acute Effects**

Overexposure to fumes may result in severe respiratory irritation and, in severe cases, pulmonary edema (accumulation of fluid in the lungs) and death. Repeated inhalation may cause an asthma-like allergic respiratory reaction and repeated or prolonged contact may cause an allergic skin reaction.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Ingredients Name**

Chemical Name	CAS-No	Weight %	OSHA PEL



## 7. HANDLING AND STORAGE

<b>Handling</b>	Keep out of reach of children. Wear personal protective equipment. Remove and wash contaminated clothing before re-use. Avoid contact with skin and eyes.
<b>Storage</b>	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
Sodium bisulfite	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>

**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

#### Skin Protection

#### Respiratory Protection

Goggles. Avoid contact with eyes.  
 Rubber gloves. Wear protective gloves/clothing.  
 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. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before re-use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Clear Colorless	<b>Odor</b>	Rotten egg-like
<b>Physical State</b>	Liquid	<b>pH</b>	approx.5
<b>Boiling Point/Range</b>	Not available	<b>Melting Point/Range</b>	Not available
<b>Specific Gravity</b>	1.3 g/cc	<b>Solubility</b>	Soluble
<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>	No data available	<b>Percent Solids</b>	Not available
<b>Percent Volatiles</b>	Not available		

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under recommended storage conditions
<b>Conditions to Avoid</b>	Keep away from children.
<b>Incompatible Materials</b>	Strong acids. Strong oxidizing agents.
<b>Hazardous Decomposition Products</b>	Oxides of sulfur.
<b>Possibility of Hazardous Polymerization</b>	Hazardous polymerisation does not occur

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

**Component Information****Sodium metabisulfite**

Workers severely overexposed to fumes developed severe pulmonary edema (accumulation of fluid in the lungs) and subsequently died. Repeated exposure in the workplace has resulted in allergic skin and respiratory reactions with asthma-like symptoms such as bronchospasm. The use of this material as a food additive has also been reported to cause adverse allergic reactions such as hives and asthma in sulfite-sensitive individuals. Following repeated oral administration, lesions in the stomach lining and kidney damage were observed in rats. No effects were seen on the ability of male or female rats to reproduce when exposed orally for three successive generations. No genetic changes were observed in tests using bacteria, but were observed in tests using animals.

**Sodium tripolyphosphate**

Single exposure studies indicate that this material is practically non-toxic if swallowed (rat LD50 5,400-6,500 mg/kg) or absorbed through skin (rabbit LD50 >7,490 mg/kg) no more than moderately toxic if inhaled (rat 4 hr LC0 0.39 mg/l) slightly irritating to rabbit eyes (3.3/110) and non-irritating to rabbit skin (0.0/8.0)

Long term administration in the diet of rats produced decreased growth, increased kidney to body weight ratios, and kidney changes. No evidence for carcinogenic effects were observed in this study. No birth defects were noted in the offspring of rabbits exposed orally during pregnancy. No effects were seen on the ability of male and female rats to reproduce when fed for three successive generations. No genetic changes were observed in tests using bacteria, animal cells or animals.

**Chronic Toxicity**

There are no known carcinogenic chemicals in this product

**Carcinogenicity**

<b>12. ECOLOGICAL INFORMATION</b>
-----------------------------------

**Ecotoxicity**

No information available.

<b>13. DISPOSAL CONSIDERATIONS</b>
------------------------------------

**Waste Disposal Method**

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. Do not apply directly to wetlands or water..

**Contaminated Packaging**

Empty containers should be taken for local recycling, recovery or waste disposal

<b>14. TRANSPORT INFORMATION</b>
----------------------------------

**DOT**

<b>Proper Shipping Name</b>	Bisulfites, aqueous solutions, n.o.s. (Sodium metabisulfite)
<b>Hazard Class</b>	8
<b>UN-No</b>	2693
<b>Packing Group</b>	PG III
<b>Reportable Quantity (RQ):</b>	5,000 (Sodium tripolyphosphate)

**ICAO**

<b>UN-No</b>	2693
--------------	------

**Proper Shipping Name** Bisulphites, aqueous solution, n.o.s. (Sodium metabisulfite)  
**Hazard Class** 8  
**Packing Group** PG III

**IATA**

**UN-No** 2693  
**Proper Shipping Name** Bisulfites, aqueous solution, n.o.s. (Sodium metabisulfite)  
**Hazard Class** 8  
**Packing Group** PG III  
**ERG Code** 8L

**IMDG/IMO**

**Proper Shipping Name** Bisulfites, aqueous solution, n.o.s. (Sodium metabisulfite)  
**Hazard Class** 8  
**UN-No** 2693  
**Packing Group** PG III  
**EmS No.** F-A, S-B

**15. REGULATORY INFORMATION**

**International Inventories**

Sodium bisulfite  
**DSL** Listed  
**EINECS/ELINCS** Listed  
**ENCS** Listed  
**CHINA** Listed  
**KECL** Listed

Sodium tripolyphosphate  
**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 tripolyphosphate	5000 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 tripolyphosphate	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 bisulfite	Listed.			Listed.	
Sodium tripolyphosphate	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

<b>16. OTHER INFORMATION</b>
------------------------------

Revision Date 13-Jan-2009

**Revision Summary**

Update section 15

UPI, Inc. believes that the information and recommendations contained herein (including data and statements) are accurate as of the date hereof. NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE, WARRANTY OF MERCHANTABILITY, OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, IS MADE CONCERNING THE INFORMATION PROVIDED HEREIN. The information provided herein relates only to the specific product designated and may not be valid where such product is used in combination with other materials or in any process. Further, since the conditions and methods of use are beyond the control of UPI, Inc. UPI, Inc. expressly disclaims any and all liability as to any results obtained or arising from any use of the product or reliance on such information.

End of MSDS