



# Safety Data Sheet

Preparation Date 01-Apr-2015

Revision date 01-Apr-2015

Revision Number: 1

## 1. Identification of the Substance/Preparation and of the Company/Undertaking

### Product identifier

Product Description: DECCO CLOR-OUT

### Other means of identification

Item#: 24-219CO  
UN-No 2693  
Synonyms Not Available

### Recommended use of the chemical and restrictions on use

Recommended use Removes chlorine residues.  
Uses advised against Activities contrary to label recommendation

### Details of the Supplier of the Safety Data Sheet

#### Manufacturer Address

DECCO  
Decco U.S. Post Harvest, Inc.  
1713 S. California Ave.  
Monrovia, CA 91016-0120

#### Emergency telephone number

Company Phone Number 626-358-1838  
8:00 am - 5:00 pm (PST)  
Emergency telephone number Chemtrec: (800) 424-9300 (24hrs) or (703) 527-3887  
Medical: Rocky Mountain Poison Control Center  
(866) 673-6671 (24hrs)

## 2. Hazards Identification

### Classification

#### OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Serious eye damage/eye irritation

Category 1

### Label elements

#### EMERGENCY OVERVIEW

**DANGER**

#### hazard statements

Causes serious eye damage



appearance clear colorless

Physical state liquid

Odor Rotten egg-like

#### Precautionary Statements - Prevention

Wear protective gloves/protective clothing/eye protection/face protection

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
Immediately call a POISON CENTER or doctor/physician

**Hazards Not Otherwise Classified (HNOC)**

**OTHER INFORMATION**

- MAY BE HARMFUL IF SWALLOWED
- Harmful to aquatic life with long lasting effects

### 3. Composition/information on Ingredients

Chemical name	CAS-No	Weight %	Trade secret
Sodium bisulfite	7681-57-4	5-40	
Tetrasodium ethylenediaminetetraacetate	64-02-8	1-20	

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. First aid measures

**FIRST AID MEASURES**

<b>Eye contact</b>	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.
<b>Skin contact</b>	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. If skin irritation persists, call a physician. May cause an allergic skin reaction.
<b>Inhalation</b>	If breathing is irregular or stopped, administer artificial respiration. Call a poison control center or doctor for further treatment advice. MAY CAUSE ALLERGIC RESPIRATORY REACTION.
<b>Ingestion</b>	Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Call a physician immediately. Do not induce vomiting unless told to do so by a poison control center or doctor.

**Most Important Symptoms and Effects, Both Acute and Delayed**

**Most Important Symptoms/Effects** No information available.

**Indication of Any Immediate Medical Attention and Special Treatment Needed**

**Notes to physician** No information available.

### 5. Fire-fighting measures

**Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media** No information available.

**Specific hazards arising from the chemical**

No information available.

**Hazardous combustion products** Sulfur dioxide gas upon rx with acid or upon heating.

**Explosion data**

**Protective equipment and precautions for firefighters**

Use personal protective equipment. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH

(approved or equivalent) and full protective gear.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**Personal Precautions** Avoid contact with the skin and the eyes. Use personal protective equipment.

### Environmental Precautions

**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 and material for containment and cleaning up

**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

### Precautions for safe handling

**Handling** Keep out of reach of children. Wear personal protective equipment. Remove and wash contaminated clothing before re-use. Avoid contact with skin and eyes.

### Conditions for safe storage, including any incompatibilities

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

**incompatible materials** Strong acids. Strong oxidizing agents.

## 8. Exposure Controls/Personal Protection

### Control Parameters

#### **Exposure guidelines**

*IDLH: Immediately Dangerous to Life or Health*

### Appropriate Engineering Controls

**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.

### Individual protection measures, such as 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. Goggles.

**Skin and Body Protection** Wear protective gloves and protective clothing. Protective shoes or boots.

**Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**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

**Information on basic physical and chemical properties**

<b>Physical state</b>	liquid	<b>Odor</b>	Rotten egg-like
<b>appearance</b>	clear colorless		
<b>color</b>	No information available		

<u>Property</u>	<u>VALUES</u>	<u>Remarks/ • Method</u>
<b>pH</b>	5	
<b>Melting point/freezing point</b>	No information available	
<b>Boiling Point/Range</b>	No information available	
<b>Flash Point</b>		
<b>Evaporation Rate</b>	No information available	
<b>flammability (solid, gas)</b>	No information available	
<b>Flammability limit in air</b>		
<b>Upper Flammability Limit</b>	No information available	
<b>Lower Flammability Limit</b>	No information available	
<b>vapor pressure</b>	No information available	
<b>Vapor Density</b>	No information available	
<b>Specific gravity</b>	1.206 g/cc	
<b>Water solubility</b>	No information available	
<b>Solubility in Other Solvents</b>	No information available	
<b>Partition coefficient: n-octanol/water</b>	No information available	
<b>Autoignition temperature</b>	No information available	
<b>decomposition temperature</b>	No information available	
<b>Viscosity, kinematic</b>	No information available	
<b>Dynamic viscosity</b>	No information available	
<b>Explosive properties</b>	No information available	
<b>Oxidizing properties</b>	No information available	

**OTHER INFORMATION**

<b>Softening point</b>	No information available
<b>molecular weight</b>	No information available
<b>VOC Content</b>	No information available
<b>density</b>	No information available
<b>Bulk density</b>	10.065

**10. Stability and Reactivity****Reactivity**

no data available

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

None under normal processing.

**Conditions to avoid**

Keep away from children.

**incompatible materials**

Strong acids. Strong oxidizing agents.

**Hazardous decomposition products**

Oxides of sulfur.

**11. Toxicological Information****Information on Likely Routes of Exposure**

<b>Inhalation</b>	There is no data available for this product.
<b>Eye contact</b>	There is no data available for this product.
<b>Skin contact</b>	There is no data available for this product.

**Ingestion**

There is no data available for this product.

**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 genentic changes were observed in tests using bacteria, but were observed intests using animals.

Chemical name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium bisulfite 7681-57-4	= 1131 mg/kg ( Rat )	-	-

**Information on Toxicological Effects****Symptoms**

No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure****sensitization**

No information available.

**Mutagenic effects**

No information available.

**Carcinogenicity**

The information below indicates whether any agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Sodium bisulfite 7681-57-4	-	Group 3		-

**Reproductive effects**

Not Available.

**STOT - Single Exposure**

No information available.

**STOT - repeated exposure**

No information available.

**Target organ effects**

Respiratory System, EYES, skin.

**Aspiration hazard**

No information available.

**Numerical Measures of Toxicity - No information available**

## 12. Ecological Information

**ecotoxicity**

0% of the mixture consists of components(s) of unknown hazards to the aquatic environment

**Persistence/Degradability**

No information available.

**Bioaccumulation/ Accumulation**

Bioaccumulative potential.

Chemical name	Log Pow
Sodium bisulfite 7681-57-4	-3.7

**Other Adverse Effects**

No information available

## 13. Disposal Considerations

**Waste Treatment Methods****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**

Refer to product label. Non refillable container. Do not reuse this container.

## 14. Transport Information

**DOT**

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

**ICAO**

<b>UN-No</b>	2693
<b>Proper shipping name</b>	Bisulphites, aqueous solution, n.o.s (Sodium metabisulfite)
<b>Hazard class</b>	8
<b>Packing group</b>	PG III

**IATA**

<b>UN-No</b>	2693
<b>Proper shipping name</b>	Bisulfites, aqueous solution, n.o.s (Sodium metabisulfite)
<b>Hazard class</b>	8
<b>Packing group</b>	PG III

**IMDG/IMO**

<b>UN-No</b>	2693
<b>Proper shipping name</b>	Bisulfites, aqueous solution, n.o.s (Sodium metabisulfite)
<b>Hazard class</b>	8
<b>Packing group</b>	PG III
<b>EmS No.</b>	F-A, S-B

## 15. Regulatory Information

**International Inventories**

<b>USINV</b>	Not determined
<b>DSL/NDSL</b>	Not determined
<b>EINECS/ ELINCS</b>	Complies
<b>ENCS</b>	Complies
<b>China</b>	Complies
<b>KECL</b>	Complies
<b>PICCS</b>	Complies
<b>AICS</b>	Complies
<b>TSCA</b>	Complies

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances  
AICS - Australian Inventory of Chemical Substances

### 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

Acute health hazard	yes
Chronic health hazard	NO
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

### State Regulations

#### California Proposition 65

This product does not contain any Proposition 65 chemicals

#### State Right-to-Know

#### U.S. EPA Label information

EPA Pesticide registration number Not applied

## 16. Other Information

**NFPA**                      **HEALTH 2**                      **flammability 0**                      **Instability 0**                      **Physical hazard -**

Preparation Date                      01-Apr-2015

Revision date                      01-Apr-2015

#### **Revision Summary**

Update to GHS format

#### **Disclaimer**

#### **CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

**NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return product at once, unopened, and the purchase price will be refunded. It is impossible to eliminate all risks associated with the use of this product. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Decco US Post-Harvest, Inc. harmless from any claims relating to such factors.**

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