



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

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. If skin irritation persists, call a physician. May cause an allergic skin reaction.
Inhalation	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.
Ingestion	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

Physical state	liquid	Odor	Rotten egg-like
appearance	clear colorless		
color	No information available		

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

OTHER INFORMATION

Softening point	No information available
molecular weight	No information available
VOC Content	No information available
density	No information available
Bulk density	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**

Inhalation	There is no data available for this product.
Eye contact	There is no data available for this product.
Skin contact	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

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

ICAO

UN-No	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

IMDG/IMO

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

15. Regulatory Information

International Inventories

USINV	Not determined
DSL/NDSL	Not determined
EINECS/ ELINCS	Complies
ENCS	Complies
China	Complies
KECL	Complies
PICCS	Complies
AICS	Complies
TSCA	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** -

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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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End of MSDS