

Issue Date 11-May-2015

Revision Date 28-Jun-2019

Version 2

1. IDENTIFICATION

Product identifier

Product Name CoSept(tm) 200

Other means of identification

Product Code 0346
UN/ID No. UN 2926
Synonyms Quaternium-15

Recommended use of the chemical and restrictions on use

Recommended Use No information available.

Details of the supplier of the safety data sheet

Manufacturer Address

The Hallstar Company
 120 S. Riverside Plaza, Suite 1620
 Chicago, IL 60606
 Telephone: (877) 427-4255

Emergency telephone number

Company Phone Number (708) 594-5999
Emergency Telephone Chemtrec 1-800-424-9300

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

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

Acute toxicity - Oral	Category 4
Skin corrosion/irritation	Category 2
Skin sensitization	Category 1
Carcinogenicity	Category 1B
Reproductive toxicity	Category 2
Flammable solids	Category 1

Label elements

Emergency Overview

<p>Danger</p> <p>Hazard statements Harmful if swallowed Causes skin irritation May cause an allergic skin reaction May cause cancer Suspected of damaging fertility or the unborn child Flammable solid</p>

**Appearance** off-white powder**Physical state** Solid**Odor** slight amine odor**Precautionary Statements - Prevention**

Obtain special instructions before use
 Do not handle until all safety precautions have been read and understood
 Use personal protective equipment as required
 Wash face, hands and any exposed skin thoroughly after handling
 Do not eat, drink or smoke when using this product
 Avoid breathing dust/fume/gas/mist/vapors/spray
 Contaminated work clothing should not be allowed out of the workplace
 Wear protective gloves
 Keep away from heat/sparks/open flames/hot surfaces. — No smoking
 Ground/bond container and receiving equipment
 Use explosion-proof electrical/ventilating/lighting/ equipment

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention
 IF ON SKIN: Wash with plenty of soap and water
 Take off contaminated clothing and wash before reuse
 If skin irritation or rash occurs: Get medical advice/attention
 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
 Rinse mouth
 In case of fire: Use CO₂, dry chemical, or foam for extinction

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Toxic to aquatic life with long lasting effects Harmful to aquatic life

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance**Synonyms**

Quaternium-15.

Chemical Name	CAS No	Weight-%	Trade Secret
cis-1-(3-Chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride	51229-78-8	96-100	*
Dichloromethane	75-09-2	<.5	*
Cis-1,3-dichloropropene	10061-01-5	<.3	*

If CAS number is "proprietary", the specific chemical identity and percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of first aid measures**Eye contact**

Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids.
 Consult a physician.

Skin contact	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
Inhalation	Remove to fresh air. If symptoms persist, call a physician.
Ingestion	Rinse mouth. Never give anything by mouth to an unconscious person. Get medical attention. Do not induce vomiting without medical advice.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Carbon dioxide (CO2). Water. Dry chemical.

Specific hazards arising from the chemical

Incomplete combustion and thermolysis may produce gases of varying toxicity such as carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soot. These may be highly dangerous if inhaled in confined spaces or at high concentration. In the event of fire and/or explosion do not breathe fumes.

Hazardous combustion products Hydrogen chloride. Nitrogen oxides (NOx). Carbon dioxide (CO2). Carbon monoxide. Ammonia.

Protective equipment and precautions for firefighters

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 Ensure adequate ventilation, especially in confined areas.

Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Use personal protective equipment as required. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapors/spray. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Handle in accordance with good industrial hygiene and safety practice. All equipment used when handling the product must be grounded.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed in a dry and well-ventilated place.

Incompatible materials Strong acids. OXIDIZERS. Metals. Aluminum.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines This product, as supplied, does not contain any hazardous materials with occupational

exposure limits established by the region specific regulatory bodies.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Dichloromethane 75-09-2	TWA: 50 ppm	TWA: 25 ppm (vacated) TWA: 500 ppm (vacated) STEL: 2000 ppm 5 min in any 3 h (vacated) Ceiling: 1000 ppm STEL: 125 ppm see 29 CFR 1910.1052	IDLH: 2300 ppm

Engineering Controls Ensure adequate ventilation, especially in confined areas.

Individual protection measures, such as personal protective equipment

Eye/face protection	Goggles.
Skin and body protection	Wear protective gloves and protective clothing. Suitable protective clothing.
Respiratory protection	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

General Hygiene Considerations Do not eat, drink or smoke when using this product. Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Solid	Odor	slight amine odor
Appearance	off-white powder	Odor threshold	No information available
Color	No information available		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	8.2	
Melting point / freezing point	>150 °C	
Boiling point / boiling range	No information available	
Flash point	No information available	
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	1E-09	
Vapor density	No information available	
Relative density	.4 g/mL	
Water solubility	No information available	
Solubility in other solvents	> 50 % @ 10 °C	
Partition coefficient	No information available	

Other Information

VOC Content (%)	No information available
Density	No information available
Bulk density	No information available
Volatility	No information available

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions. Decomposes in contact with water.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous polymerization Hazardous polymerization does not occur.

Conditions to avoid

Heat, flames and sparks. Take precautionary measures against static discharges.

Incompatible materials

Strong acids. OXIDIZERS. Metals. Aluminum.

Hazardous Decomposition Products

Carbon dioxide (CO₂). Hydrogen chloride. Carbon monoxide. Ammonia. Amines. May emit toxic fumes under fire conditions.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	No data available
Inhalation	No data available.
Eye contact	No data available.
Skin contact	No data available.
Ingestion	No data available.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Dichloromethane 75-09-2	= 1600 mg/kg (Rat)	-	= 53 mg/L (Rat) 6 h = 76000 mg/m ³ (Rat) 4 h

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

Sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.
Reproductive toxicity	No information available.

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 498.00

12. ECOLOGICAL INFORMATION

Ecotoxicity

0.2 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Dichloromethane 75-09-2	500: 96 h Pseudokirchneriella subcapitata mg/L EC50 500: 72 h Pseudokirchneriella subcapitata mg/L EC50	140.8 - 277.8: 96 h Pimephales promelas mg/L LC50 flow-through 262 - 855: 96 h Pimephales promelas mg/L LC50 static 193: 96 h Lepomis macrochirus mg/L LC50 static 193: 96 h Lepomis macrochirus mg/L LC50 flow-through	190: 48 h Daphnia magna mg/L EC50 1532 - 1847: 48 h Daphnia magna mg/L EC50 Static

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Chemical Name	Partition coefficient
Dichloromethane 75-09-2	1.25
Cis-1,3-dichloropropene 10061-01-5	1.41

Other adverse effects No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods**Disposal of wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.**Contaminated packaging** Do not reuse container.

Chemical Name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Dichloromethane 75-09-2	U080	Included in waste streams: F001, F002, F024, F025, F039, K009, K010, K156, K157, K158	-	U080
Cis-1,3-dichloropropene 10061-01-5	-	Included in waste stream: F039	-	-

Chemical Name	RCRA - Halogenated Organic Compounds	RCRA - P Series Wastes	RCRA - F Series Wastes	RCRA - K Series Wastes
Dichloromethane 75-09-2	Category I - Volatiles	-	Toxic waste waste number F025 Waste description: Condensed light ends, spent filters and filter aids, and spent desiccant wastes from the production of certain chlorinated aliphatic hydrocarbons, by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution.	-
Cis-1,3-dichloropropene 10061-01-5	Category I - Volatiles	-	-	-

Chemical Name	California Hazardous Waste Status
Dichloromethane 75-09-2	Toxic

14. TRANSPORT INFORMATION

DOT	Regulated
UN/ID No.	UN 2926
Proper shipping name	Flammable Solid, Toxic, Organic, n.o.s. (1-(3-Chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride)
Hazard Class	4.1
Subsidiary class	6.1
Packing Group	III
Emergency Response Guide Number	134

ICAO (air)

UN/ID No.	UN 2926
Proper shipping name	Flammable Solid, Toxic, Organic, n.o.s. (1-(3-Chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride)
Hazard Class	4.1
Subsidiary hazard class	6.1
Packing Group	III

IMDG

UN/ID No.	UN 2926
Proper shipping name	Flammable Solid, Toxic, Organic, n.o.s. (1-(3-Chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride)
Hazard Class	4.1
Subsidiary hazard class	6.1
Packing Group	III
Marine pollutant	This material meets the definition of a marine pollutant
Description	(1-(3-Chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride)

15. REGULATORY INFORMATION

International Inventories**Legend:**

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European 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

US 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 40 of the Code of Federal Regulations, Part 372

Chemical Name	SARA 313 - Threshold Values %
Dichloromethane - 75-09-2	0.1

SARA 311/312 Hazard Categories

Acute health hazard	-
Chronic Health Hazard	-
Fire hazard	-
Sudden release of pressure hazard	No
Reactive Hazard	-

CWA (Clean Water Act)**CERCLA****US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations**16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION****Issue Date** 11-May-2015**Revision Date** 28-Jun-2019**Revision Note**

No information available

Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet