

For marketing purposes only. Full SDS can be provided upon payment of order if required.

SAFETY DATA SHEET

Issue Date 12-2-2014

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Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name CSDI32OZS

Other Means of Identification

SDS # 2501

Product Code 2501

Recommended Use of the Chemical and Restrictions on Use

Recommended Use

Non Acid Disinfectant

Emergency Telephone Number

Emergency Telephone 1-800-535-5053

2. HAZARDS IDENTIFICATION

GHS Classification

Skin Corrosion/Irritation: Category 2

Eye Damage/Irritation: Category 2

Signal Word

WARNING

Symbols



Emergency Overview:

Physical State: Liquid

Color: Blue

Odor: Citrus

OSHA/HCS status: This material is considered hazardous by the OSHA Hazard Communication Standard(29 CFR 1910.1200).

Hazard Statements

CAUSES SKIN IRRITATION.

CAUSES SERIOUS EYE IRRITATION.

Precautionary Statements-Prevention

Wash face, hands and any exposed skin thoroughly after handling.

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

Precautionary Statements – Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

Precautionary Statements – Storage

Not applicable.

Precautionary Statements – Disposal

Dispose of contents/container in accordance with local, regional and national regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Water	7732-18-5	75-100
Isopropyl Alcohol	67-63-0	1-5
Alkyl (50%C14,40%C12)dimethyl ethylbenzyl ammonium chloride (Alternate CAS 68956-79-6)	68424-85-1	0.034
Octyl decyl dimethyl ammonium chloride	32426-11-2	0.026
Didecyl Dimethyl Ammonium Chloride	5538-94-3	0.013
Diocetyl Dimethyl Ammonium Chloride	7173-51-5	0.013

The balance of the chemicals in this mixture are either considered nonhazardous or are below the listing limits for hazardous substances. These chemicals are considered trade secrets. The specific identity of these chemicals is available to health professionals.

4. FIRST AID MEASURES

First Aid Measures

Eye Contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Skin Contact

IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Ingestion

IF SWALLOWED: Rinse mouth. Do not induce vomiting or give anything by mouth to an unconscious person. Consult a poison center or doctor.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms Direct contact with eyes causes serious irritation. Substance causes skin irritation.

Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Product is non-flammable.

Unsuitable Extinguishing Media

None.

Specific Hazards Arising from the Chemical

None known.

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 Use personal protective equipment as required. Isolate area. Keep unnecessary personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering.

Methods and Material for Containment and Cleaning Up

Methods for Containment For small spills, absorb on poly-pads or other suitable non-reactive absorbent material. Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up Sweep up and shovel into suitable containers for disposal. Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protection recommended in Section 8. Use only in well-ventilated areas. Do not breathe vapors or spray mist.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children.

Incompatible Materials None known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACHIH TLV	OSHA PEL	NIOSH IDLH
Isopropanol Alcohol 67-63-0	200 ppm TWA 400 ppm STEL	400 ppm, 980 mg/m ³ TWA 500 ppm, 1,225 mg/m ³ STEL	Data not available

Recommended monitoring procedures: If this product contains ingredients with exposure limits, personal, workplace atmosphere or other biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.

Appropriate Engineering Controls: Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Hygiene measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and the using the bathroom and at the end of the working periods.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection	Avoid contact with eyes. Wear safety eyewear.
Skin and Body Protection	Wear suitable protective clothing. Use impervious gloves.
Respiratory Protection	Not required with expected use. Ensure adequate ventilation, especially in confined areas.
General Hygiene Considerations	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	Liquid	Odor	Citrus
Appearance	Blue Liquid	Odor Threshold	Not determined
Color	Blue		

<u>Property</u>	<u>Values</u>
pH	11.7
Melting Point/Freezing Point	Not determined
Boiling Point/Boiling Range	212 Deg F
Flash Point	201 (tcp)
Evaporation Rate	(H ₂ O=1) =1
Flammability (Solid, Gas)	n/a-liquid
Upper Flammability Limits	UEL=N/A
Lower Flammability Limits	LEL=N/A
Vapor Pressure	20@68F
Vapor Density	Not determined
Specific Gravity	.991
Water Solubility	Soluble in water
Solubility in Other Solvents	Not determined
Partition Coefficient	Not determined
Autoignition Temperature	Not determined
Decomposition Temperature Kinematic	Not determined
Viscosity	Not determined
Dynamic Viscosity	Not determined
Explosive Properties Oxidizing Properties	Not determined
	Not determined

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to Avoid

Keep out of reach of children.

Incompatible Materials

None known.

Hazardous Decomposition Products

None Known.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Eye Contact Causes severe eye irritation.

Skin Contact Causes skin irritation.

Inhalation Irritating to the mucus membranes of the respiratory tract. Nasal discomfort and coughing.

Ingestion May be harmful if swallowed.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water	90,000 mg/kg (rat)	Data not available	Data not available
Isopropyl Alcohol 67-63-0	>5,000 mg/kg (rat)	>5,000 mg/kg (rabbit)	>5,000 ppm 1h (rat)
Mixture: Alkyl (50%C14,40%C12) dimethyl benzyl ammonium chloride (CAS 68424-85-1) and Octyl decyl ammonium chloride (CAS32426-11-2)	>500 mg/kg (rat)	>2,000 mg/kg (rabbit)	0.054-0.51 mg/l

Information on Physical, Chemical and Toxicological Effects

Symptoms

Please see section 4 of this SDS for symptoms.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Carcinogenicity

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical Measures of Toxicity

ATEmix-oral: mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Isopropyl Alcohol 67-63-0	LC/EC/IC50>100 mg/l	LC/EC/IC50>100 mg/l	LC/EC/IC50>100 mg/l	Data not available
Mixture:Alkyl (50%C14,40%C12) dimethyl benzyl ammonium chloride (CAS 68424-85-1)and Octyl decyl ammonium chloride (CAS32426-11-2)	EC50: Algae 0.063 mg/l 96h	LC50: Fish 0.86 ppm 96h	Data not available	LC50: Daphnia 0.0058-0.016 mg/l 48h

Persistence and Degradability

Not determined.

Bioaccumulation

Not determined.

Other Adverse Effects

Not determined.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Contaminated Packaging

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

14. TRANSPORT INFORMATION

Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT

Not regulated.

IATA

Not available.

IMDG

Not available.

IDG

Not available.

15. REGULATORY INFORMATION

International Inventories

Not determined

US Federal Regulations

SARA 313 Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical which is subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical Name	CAS No	Weight-%
None		

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island
Isopropyl Alcohol	X		X	

California Prop 65: This product contains no chemicals known to the State of California to cause cancer and reproductive toxicity.

16. OTHER INFORMATION

NEPA

Health Hazards

Not determined

Flammability

Not determined

Instability

Not determined

Special Hazards

Not determined

HMIS

Health Hazards

1

Flammability

0

Physical Hazards

0

Personal Protection

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Revision Note

Disclaimer

The information provided in this 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