

Sani C-N-D

MSDS# Sani C-N-D

Safety Data Sheet

November 2010

5 pages

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product Name:

Sani C-N-D

Distributed By:

Diversitech

6650 Sugarloaf Parkway, Duluth, GA, 30097

Emergency Phone No.: 1 800.255.3924 Chem-Tel (Chemical Emergencies)

Phone (For Information): 1+678.542.3600

Date Revised: 11/29/2010

Prepared By: Anthony Jernigan

2. HAZARDS IDENTIFICATION

Emergency Overview:

Clear blue liquid. May be mildly irritating.

Potential Health Effects:

Skin: May be mildly irritating. Very large exposure may be harmful.

Eyes: May cause irritation.

Inhalation: Mists and vapors may be mildly irritating to the throat and respiratory tract.

Ingestion: Harmful if swallowed.

Chronic: None

3. HAZARDOUS INGREDIENTS

INGREDIENT

Alkyl dimethyl benzyl ammonium chloride (C12-16)

CAS #

68424-85-1

%

< 0.1

Hazard Symbol

C, Xn, N

Risk Phrases

R22, R34, R50

Octyl decyl dimethyl ammonium chloride

32426-11-2

< 0.1

Not applicable

Dioctyl dimethyl ammonium chloride

5538-94-3

< 0.1

Not applicable

Didecyl dimethyl ammonium chloride

7173-51-5

< 0.1

Xn,C,

R22, R34

4. FIRST AID PROCEDURES

Eyes: Immediately flush eyes with water for 15-20 minutes, while holding eyelids open. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Seek medical attention at once.

Skin or Clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Inhalation: If symptoms are experienced, move victim to fresh air.

Ingestion: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Call the nearest poison control center, or the National Poison Control Hotline **1-800-222-1222**. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Note to Physician: Possible mucosal damage may contraindicate the use of gastric lavage.

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5. FIRE FIGHTING MEASURES

Flash Point: None when heated to 102°C – Cleveland Open Cup

Upper & Lower Flammability Limits: Not determined.

Extinguishing Media: None. Use any agent appropriate for surrounding fire.

Fire Fighting Equipment & Instructions: Firefighters should wear full protective clothing including self-contained breathing apparatus. Cool fire exposed containers with spray.

Hazardous Combustion Products: Irritating and toxic gases or fumes may be released during a fire.

6. ACCIDENTAL RELEASE MEASURES

Spill and Leak Procedures Emergency Action: Isolate spill or leak area immediately. Keep unauthorized personnel away. Stay upwind.

Spill Cleanup: Ventilate closed spaces before entering. Floor will be slippery. Do not touch or walk through spilled material. Stop leak if you can do it without risk. A vapor suppressing foam may be used to reduce vapors. Prevent entry into waterways, sewers, basements or confined areas. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.

Large Spills: Dike far ahead of liquid spill for later disposal.

7. HANDLING & STORAGE HANDLING PROCEDURES

Pesticide Storage: Open dumping is prohibited. Store only in original container. Do not reuse empty container. If a leaky container must be contained within another, mark the outer container to identify the contents. Avoid contact with skin and eyes. Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Wash thoroughly after work using soap and water.

Storage Procedures: Keep the container tightly closed and in a cool, well-ventilated place. Keep from freezing. Store pesticides away from food, pet food, feed, seed, fertilizers, and veterinary supplies. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Provide adequate local exhaust ventilation (explosion proof) to maintain worker exposure below exposure limits

Personal Protective Equipment:

Eyes/Face: Wear safety glasses or chemical goggles

Skin: Use impervious gloves (rubber or neoprene). Wear suitable protective clothing.

Respiratory: Not normally required.

General: Eye wash fountain and emergency showers are recommended.

9. PHYSICAL & CHEMICAL PROPERTIES

Flash Point: None when heated to 102°C (Cleveland Open Cup).

Specific Gravity: 0.9992 (8.34 lbs./gal.)

Percent Volatiles: Not determined.

Vapor Pressure: Not determined.

VOC Content: Not determined.

Vapor Density: Not determined.

Solubility in Water: Water miscible

Appearance and Odor: Odorless blue liquid

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10. STABILITY & REACTIVITY

Chemical Stability: Material is stable.

Conditions to Avoid: Keep away from strong oxidizing agents.

Incompatibilities: Strong oxidizing agents, reducing agents.

Hazardous Decomposition: Carbon monoxide, carbon dioxide and toxic hydrogen chloride vapors.

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Carcinogenicity No Carcinogenicity data available for this product.

Acute Oral LD50: > 5,000 mg/kg in rats

Acute Dermal: > 2,000 mg/kg in rats

Primary Skin: Not an irritant.

Primary Eye: Mildly irritating.

12. ECOLOGICAL INFORMATION

Ecotoxicity No data available for this product but considered toxic to fish.

13. DISPOSAL CONSIDERATIONS

Disposal Instructions: This substance, when discarded or disposed of, is a characteristic hazardous waste according to Federal regulation (40 CFR 261) and is assigned the EPA Hazardous Waste Number of D001. The discarding or disposal of this material must be done at a properly permitted facility in accordance with the regulations of 40 CFR 262, 263, 264, and 268. Additionally, the discarding or disposal of this material may be further regulated by state, regional, or local regulations. Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate.

The transportation, storage, treatment and disposal of this waste material must be conducted in compliance with all applicable Federal, state, and local regulations.

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.

Container Handling Disposal: Non-refillable container. Do not reuse this container to hold materials other than pesticides or rinsate. Triple rinse. After emptying and cleaning, it may be allowable to temporarily hold rinsate or other pesticide-related materials in the container. Contact your state regulatory agency to determine allowable practices in your state. Offer for recycling if available or puncture and dispose in a sanitary landfill, or by other procedures approved by state and local authorities. If rinsate cannot be used, follow pesticide disposal instructions. If not triple rinsed, these containers are acute hazardous wastes and must be disposed in accordance with local, state and federal regulations.

Residue Removal Instructions: Triple rinse container promptly after emptying. Triple rinse as follows: Fill the container ¼ full with water and recap. Shake for 10 seconds. Follow Pesticide Disposal instructions for rinsate disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

14. TRANSPORT INFORMATION

DOT Hazard Class: Not regulated.

DOT Proper Shipping Name Not applicable.

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IMO (Ocean):

Shipping Name: Not classified

UN #: None

15: Regulatory Information

Risk Phrases

R-22: Harmful if swallowed

R-34: Causes burns

R-50: Very toxic to aquatic organisms

TSCA Status

While all ingredients are listed on the TSCA Chemical Inventory, this product is regulated as a pesticide under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) and not subject to the TSCA Inventory rules for FIFRA uses.

Other Chemical Inventories

All components of this product are listed on the following inventories: Canada (DSL), European Union, China, Korean and Philippines. One or more ingredients are not listed on the following inventories: Australia and Japan.

CERCLA/SARA

SARA Title III, Sections 311/312 – This act requires reporting under the Community Right-to-Know provisions due to the inclusion of the following components of this material in one or more of the five hazard categories listed in the 40 CFR 370:

Classification of this product: Immediate

SARA Title 313 – This act requires submission of annual reports of releases of the following components of this material if the threshold reporting quantities, as listed in 40 CFR 372, are met or exceeded:

Reportable Quantities/Threshold Planning Quantities:

CERCLA requires notification of the National Response Center (Telephone 1-800-424-8802) in the event of a release of quantities of the following hazardous materials contained in this product, if the release is equal to or greater than the Reportable Quantities (RQs).

SARA 302/304 requires emergency planning, including agency notification, for possible release of the following components of this material, based upon the **Threshold Planning Quantities (TPQs) and/or release of Reportable Quantities: Reportable Quantity (RQ)** No ingredients listed in this section. **Threshold Planning Quantity (TPQ)** No ingredients listed in this section.

State & Provincial Right to Know & Selected Regulatory Lists:

The following ingredients appear on various state right to know lists and/or California's Proposition 65 List

Chemical Name

State List

Ethanol < 200 ppm:

AZ, CA, CAP65R (ingestion only), CT, FL, ID, MA, MN, NJ, PA, RI

Benzyl Chloride (trace impurity < 10ppm): AZ, CA, CAR65C, FL, IL, MA, MN, NJ, PA

AZ – Arizona Ambient Air Quality Guidelines

CT – Connecticut Hazardous Air Pollutants

CA – California Director's List of Hazardous Substances

CA65C – California Prop 65 Carcinogen

CA65R – California Prop 65 Reproductive Toxin

FL – Florida Substances List

ID – Idaho Non-carcinogen Toxic Air Pollutants

IL – Illinois Toxic Air Contaminant - Carcinogenic

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MA – Massachusetts Right to Know List
 MN – Minnesota Hazardous Substances List
 NJ – New Jersey Right to Know List
 PA – Pennsylvania Right to Know List
 RI – Rhode Island Hazardous Substances List

WHMIS Classification: Not a controlled product. This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

16. OTHER INFORMATION

Hazard Ratings	HMIS	NFPA
Health	1	1
Flammability	0	0
Reactivity	0	0
PPE	X	

Label:

Warning:

Caution

Precautions:

Causes moderate eye irritation.

Harmful if swallowed or absorbed through skin.

Avoid contact with eyes, skin or clothing.

Wash thoroughly with soap and water after handling and before eating, drinking, using tobacco or using the toilet.

First Aid:

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

Skin Or Clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

If Swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Non Warranty: Nothing contained herein grants or extends a license, express or implied, in connection with patents, issued or pending, of the manufacturer or others. The information contained herein is based on the manufacturer's own study and the works of others. The manufacturer makes no warranties, expressed or implied, as to the accuracy, completeness, or adequacy of the information contained herein. The manufacturer shall not be held liable (regardless of fault) to the vendee's employees, or anyone for any direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy or furnishing of such information.