

Material Safety Data Sheet

Number: **DMN0214**

Product Name: **Winterfect I™**

A quaternary ammonium compound disinfectant/deodorant.

Revised: 5/20/08

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Section 2 - Composition / Information on Hazardous Ingredients

<u>Ingredient</u>	<u>C.A.S. No.</u>	<u>Percent</u>	<u>Carcinogen</u>
Alkyl Dimethyl Benzyl Ammonium Chloride	68391-01-5	2.0%	No
Alkyl Dimethyl Ethylbenzyl Ammonium Chloride	68956-79-6	2.0%	No
Isopropyl Alcohol	67-63-0	25%	No

Section 3 - Hazards Identification

Emergency Overview: The concentrate is corrosive to the eyes and may be irritating to the skin. Diluted solutions may be irritating. Excessive inhalation of vapors may cause irritation. The product is water based, non-flammable and presents little hazard in a fire. The flash point only applies to alcohol vapors in a large air-space inside drums, not to gallon jugs. The D.O.T. requires the flash point labeling. A bright pink color with a wintergreen odor.

Health Hazards: Eye corrosive, Skin irritant

Physical Hazards: None

Primary Routes of Entry: ☒ Through Skin ☒ Inhalation ☒ Ingestion

Potential Health Effects:

Eyes - concentrate is very irritating and may cause damage. Dilutions may cause irritation and redness.

Skin - prolonged contact with the concentrate or dilutions may cause skin irritation.

Swallowing - may result in damage to mucous membranes and gastrointestinal irritation.

Breathing - excessive inhalation of mist or spray may cause irritation of nose and throat.

Section 4 - First Aid Measures

Eye Contact: Immediately flush eyes with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention immediately.

Skin Contact: Wash the exposed area with soap and water. If irritation develops and persists, get medical attention.

Inhalation: Move the affected person to fresh air. If irritation persists get medical attention.

Ingestion: If the product is swallowed, do NOT induce vomiting. If the affected person is conscious, give a glass of water or milk to drink. Get medical attention immediately.

Section 5 - Fire-Fighting Measures

Flash Point: 78° F. (ASTM D-56 closed cup). There is no open cup flash point. The product itself will not burn or support combustion. Isopropyl alcohol vapors may collect in the air space in drums or tanks to within flammable limits. These vapors are combustible with sparks or flame at or above the flash point temperature. This does not apply to gallon jugs or five gallon pails.

Lower Explosive Limit: Not Available

Upper Explosive Limit: Not Available

Extinguishing Media: Any

Special Fire Fighting Procedures: None.

Unusual Fire And Explosion Hazards: None.

Section 6 - Accidental Release Measures

Steps To Be Taken If Material Is Released Or Spilled: Small spills of up to five gallons may be cleaned up with a rag or mop. Larger spills should be diked to prevent spreading and then collected into clean pails or drums.

Section 7 - Handling and Storage

Do not contaminate water, food or feed by use, storage or disposal.

Do not spray mist near infants or children.

Empty containers retain product residue and may be hazardous. Do not weld or cut on or around drums or totes. Vapors in the air-space may be flammable.

Section 8 - Exposure Controls / Personal Protection

<u>Ingredient</u>	<u>C.A.S. No.</u>	<u>Percent</u>	<u>TWA(source)</u>	<u>STEL</u>	<u>Ceiling</u>
Alkyl Dimethyl Benzyl Ammonium Chloride	68391-01-5	2.0%	N/E	N/E	N/E
Alkyl Dimethyl Ethylbenzyl Ammonium Chloride	68956-79-6	2.0%	N/E	N/E	N/E
Isopropyl Alcohol	67-63-0	25%	400 ppm	400 ppm	-

(1)=OSHA (2)=NIOSH (3)=ACGIH (4)=CANADA TWA=8 hr Time Weighted Average STEL=15 minute TWA Ceiling=Instantaneous

Ventilation: Normal room ventilation.

Respiratory Protection: None when used according to label directions.

Gloves: Persons with sensitive skin or who use the product for prolonged periods may wish to use rubber or latex gloves when using. Disposable latex gloves are acceptable.

Eye Protection: If eye contact with the concentrate is possible wear safety glasses with side shields.

Other Protective Equipment: None.

Section 9 - Physical and Chemical Properties

Boiling Point: 165° F.

Vapor Pressure: Not Available

Specific Gravity: 0.99

Vapor Density: Not Available

Percent Volatiles: 93%

Evaporation Rate: .9 (Water = 1)

Solubility In Water: Complete

pH: concentrate 7.0 ± 0.5

Appearance and Odor: A bright pink color with a wintergreen odor.

Section 10 - Stability and Reactivity

Incompatibility: None

Hazardous Decomposition Products: None

Section 11 - Toxicological Information

Target Organs: None.

Section 12 - Ecological Information

Do not dispose of unusable product in the environment. Do not allow to contaminate natural waterways. Be sure to comply with any applicable regulations.

Section 13 - Disposal Considerations

Waste Disposal Method: Dispose of up to 5 gallons of concentrate in the sanitary sewer with a large amount of water. Larger amounts should be disposed of in an approved manner. Contact Damon for specific information.

Section 14 - Transport Information

D.O.T. Hazard Class: Not considered hazardous by D.O.T., I.M.C.O., I.A.T.A. or U.N.

Section 15 - Regulatory Information

The components of this product are on the TSCA inventory of chemical substances.

Section 16 - Other Information

NFPA: H:1 F:1 I:0 **HMIS® III:** H:2 F:1 P:0 These ratings estimates are to be used only with a fully implemented training program in the workplace. NFPA® is a mark registered by the NFPA. HMIS® is a mark registered by the NPCA.

This sheet replaces one dated 3/13/02.

The information accumulated herein is believed to be accurate but is not warranted to be. Recipients are advised to confirm in advance that the information is current, applicable, and suitable to their circumstances.