



MATERIAL SAFETY DATA SHEET

IMS-II Ice Machine Sanitizer

I - PRODUCT IDENTIFICATION

Company Name: Nu-Calgon Wholesaler, Inc.
Address: 2008 Altom Court, St. Louis, MO 63146-4151
Product Name: IMS-II Ice Machine Sanitizer
Synonyms: Industrial Sanitizer
EPA Reg No. 1839-50-65516
EPA Est. No. 72026-IL-01

Tel No: (314) 469-7000, (800) 554-5499
CHEMTREC: (800) 424-9300
Product Number: 4211

II - HAZARDOUS INGREDIENTS OF MIXTURES

<u>MATERIAL</u>	<u>CAS#</u>	<u>% By Wt</u>	<u>TLV</u>	<u>PEL</u>
Silicic Acid-Sodium Salt	1344-09-8	1.8	2.0mg/m ³	N/A
Alkyl Dimethyl Benzyl Ammonium Chloride	68391-01-5	0.8	N/A	N/A
Alkyl Dimethyl Ethyl Benzyl Ammonium Chloride	68956-79-6	0.8	N/A	N/A

All ingredients are TSCA listed.

III - PHYSICAL DATA

Vapor Pressure: N/A	Vapor Density (Air=1) 60-90° F: N/A
Evaporation Rate: (ether=1) N/A	VOC Content (% by wt.): <5%
Solubility in H₂O: Complete	pH @ 100% Solution: 13.0
Freezing Point °F: N/A	pH as Distributed: N/A
Boiling Point °F: Like Water.	Appearance: Clear colorless liquid.
Specific Gravity H₂O=1 @25° C: 1.08	Odor: Slight chemical odor.

IV - FIRE AND EXPLOSION

Flash Point F: Non flammable **Flammable Limits:** N/A
Extinguishing Media: Product is non flammable or combustible. Use media appropriate for the primary source of fire.
Special Fire Fighting Procedures: Use caution when fighting any fire involving chemicals. Wear self-contained breathing apparatus in the event of a fire.
Unusual Fire and Explosion Hazards: None.

V - REACTIVITY DATA

Stability - Conditions to avoid: Stable.
Incompatibility: Strong acids or oxidizers. Do not mix with chlorinated detergents or sanitizers.
Hazardous Decomposition Products: Unknown.
Conditions Contributing to Hazardous Polymerizations: None known.

VI - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE (Medical Conditions Aggravated /Target Organ Effects),
A. ACUTE (Primary Route of Exposure) EYES: This product may result in transient irritation of reddening on contact with eye. **SKIN:** (Primary Route of Exposure) Product may result in irritation upon contact with skin. **INHALATION:** Inhalation of concentrated mist or vapor may result in irritation of the nose, throat and lungs. **INGESTION:** Ingestion may cause nausea, vomiting, diarrhea and mucousal irritation.
B. SUBCHRONIC, CHRONIC, OTHER: No available information was found.
C. MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:

VII - EMERGENCY AND FIRST AID PROCEDURES

INHALATION: Remove to fresh air. Start artificial respiration if necessary. Oxygen may be administered. Call a physician.
EYES: Flush eyes with water for at least 15 minutes and call a physician immediately.
SKIN: Wash affected areas with large amounts of soap and water. If irritation persists call a physician.
INGESTION: Do not induce vomiting. Dilute by drinking water. Call a physician immediately.

VIII - SPILL OR LEAK PROCEDURE

Spill Management: Safety stop spill at source. Contain spill by diking with soil or other inert material. Mop, pump or absorb with material and reclaim into sound containers for proper disposal.

Waste Disposal Methods: Dispose of in an approved waste facility according to Federal, State and local regulations. See label for specifics.

IX - PROTECTION INFORMATION/CONTROL MEASURES

Respiratory: Not required.

Eye Protection: Chemical splash goggles. **Glove:** Rubber gloves.

Other Clothing and Equipment: Rubber apron if splashing potential exists.

Ventilation: Local and mechanical exhaust is recommended.

X - SPECIAL PRECAUTIONS

Precautions to be taken in Handling and Storing: DANGER! Do not expose product to excessive heat or near freezing temperatures. Handle all containers carefully. Triple rinse all empty containers to remove all residual product. Wash thoroughly after handling. Follow label directions as to storage and disposal.

Additional Information: None.

NFPA

Health Hazard.....: 1

Fire Hazard.....: 0

Reactivity.....: 0

Specific Hazard....:

HMIS RATING

Health Hazard.....: 1

Fire Hazard.....: 0

Reactivity.....: 0

Personal Protection....: X (Sec. 9)

Revision Date: 03/20/2002

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