

SAFETY DATA SHEET



1: Identification

Product Name: QuikSan Ice Machine Sanitizer
Product Code: 147QKSANICE & 147QKSANICE1G
General Use: Ice Machine Sanitizer
Company Name: Noble Chemical, Inc.
Company Address: 2205 Old Philadelphia Pike, Lancaster, PA 17602
Company Phone: 1-888-256-6400
Emergency Phone: 800-225-3924

2: Hazards Identification

Classification: Skin Irritant: Category 2 Eye Damage: Category 1

Hazard Statement(s): Causes severe skin burns and eye damage. This product contains the following percentage of chemicals of unknown toxicity: 0%

Precautionary Statements: Wash hands thoroughly after handling. Wear protective gloves and eye protection. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash it before reuse. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call poison center or doctor.

Symbol:



Hazards Not Otherwise Classified: N/A

3: Composition/Information on Ingredients

Chemical Name	Weight %	CAS
Quaternary Ammonium Compounds	1.250%	68424-85-1
Didecyl Dimethyl Ammonium Chloride	2.310%	7173-51-5

4: 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. Immediately call poison center or doctor.

Skin Contact: If on skin: Wash with soap and water. If skin irritation occurs: get medical attention.

Inhalation: If inhaled: Remove person to fresh air and keep comfortable for breathing. If breathing is irregular or stopped, administer artificial respiration.

Ingestion: If swallowed: Rinse mouth. DO NOT induce vomiting.

Acute Health Hazards: Causes skin irritation and severe eye damage.

Chronic Health Hazards: None known

Note to Physician: There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

5: Fire-Fighting Measures

Extinguishing Media: Water spray, dry powder, and foam.

Unsuitable Extinguishing Media: N/A

Special Fire Fighting Procedures: Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece exposed containers and dilute spills to nonflammable mixture.

Unusual Fire and Explosion Hazards: Heating or fire can release toxic gas.

Hazardous Combustion Products: Oxides of carbon.

6: Accidental Release Measures

Personal Protective Equipment: Refer to section VIII for proper Personal Protective Equipment.

Spill: Soak up with a non-combustible material like vermiculite, sand or earth. Prevent spill from entering storm drains or sewers.

Waste Disposal: Dispose of residue in accordance with federal, state and local guidelines. Dispose of in a sanitary landfill. Offer drums for recycling. Smaller containers should be rinsed, released and placed in trash collection. Do not flush into surface water or sanitary sewer system.

RCRA Status: Waste likely considered non-hazardous under RCRA, However, product should be fully characterized prior to disposal (40 CFR 261).

7: Handling and Storage

Handling and Storage: Store in a cool, dry area, keep containers tightly closed and dry. Do not store near food, drink, or animal food.

Other Precautions: Keep out of reach of children.

Incompatibility: Strong oxidizing agents and reducing agents.

8: Exposure Controls/Personal Protection

Hazardous Ingredient	OSHA PEL	ACGIH TLV
Quaternary Ammonium Compounds	Not Established	Not Established
Didecyl Dimethyl Ammonium Chloride	Not Established	Not Established

Engineering Controls / Ventilation: N/A

Respiratory Protection: In the case of vapor formation use a respirator with an approved filter.

Personal Protective Equipment: Safety glasses and chemical resistant gloves.

Additional Measures: Wash your hands and contaminated clothing thoroughly after handling.

9: Physical and Chemical Properties

Property	Values
Appearance	Clear, Colorless Liquid
Odor	Solvent odor
Odor Threshold	Not Established
Boiling Point	> 212°F (100°C)
Freezing Point	N/D
Flammability	Not considered a flammable liquid by OSHA (29CFR 1910.1200)
Autoignition Temperature	N/D
Lower Flammability Limit	N/D
Upper Flammability Limit	N/D
Vapor Pressure (mm Hg)	760
Vapor Density (Air=1)	1
Evaporation Rate	<1
Specific Gravity (H2O=1)	1.01
pH	6-8
Solubility in Water	100%
Partition Coefficient: n-Octanol/Water (Kow)	N/D
Volatile Organic Compounds (VOC)	0%
Decomposition Temperature	N/D
Viscosity	N/D

10: Stability and Reactivity

Reactivity: Stable under recommended storage conditions.

Chemical Stability: Stable

Conditions To Avoid: None known

Incompatibility: Strong oxidizing agents and reducing agents.

Hazardous Decomposition Or By-Product: No decomposition if stored normally.

Possible Hazardous Reactions: None Known

11: Toxicological Information

Toxicological Information: Not Established

Routes Of Entry: Eyes, Ingestion, Inhalation, Skin

Eyes: Causes severe irritation, burning, redness, tearing, pain.

Ingestion: Causes gastrointestinal irritation.

Inhalation: May cause slight irritation.

Skin: Causes irritation

Medical Condition Aggravated: None known

Acute Health Hazards: Causes skin irritation and severe eye damage.

Chronic Health Hazards: None known

Carcinogenicity: OSHA: No ACGIH: No NTP: No IARC: No Other: N/A

12: Ecological Information

Ecological Information: This pesticide is toxic to fish. Do not apply in marine and/or estuarine oil fields. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

Biodegradability: This product is biodegradable.

Bioaccumulation: This product is not expected to bioaccumulate.

Soil Mobility: This product is mobile in soil.

Other Ecological Hazards: None Known

13: Disposal Considerations

Waste Disposal: Dispose of residue in accordance with federal, state and local guidelines. Dispose of in a sanitary landfill. Offer drums for recycling. Smaller containers should be rinsed, resealed and placed in trash collection. Do not flush into surface water or sanitary sewer system.

RCRA Status: Waste likely considered non-hazardous under RCRA, however, product should be fully characterized prior to disposal (40 CFR 261).

14: Transportation Information

Proper Shipping Name: Cleaning Compound, N.O.S., Non Regulated

Hazard Class/Division: N/A

Un/Na Number: N/A

Packaging Group: N/A

Air Shipment

Proper Shipping Name: Cleaning Compound, N.O.S., Non Regulated

Hazard Class/Division: N/A

Un/Na Number: N/A

Packaging Group: N/A

Shipping By Water: Vessel (IMO/IMDG)

Proper Shipping Name: Cleaning Compound, N.O.S., Non Regulated

Hazard Class/Division: N/A

Un/Na Number: N/A

Packaging Group: N/A

Environmental Hazards Water: N/A

15: Regulatory Information

TSCA Status: All Chemicals are listed or exempt.

CERCLA (Comprehensive Response Compensation, And Liability Act): None

SARA 311/312 Hazard Categories: Acute Health

SARA 313 Reportable Ingredients: None

State Regulations: This product contains a chemical known to the state of California to cause birth defects or other reproductive harm and/or cancer.

International Regulations: All components are listed or exempted. This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label: DANGER. Corrosive. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin or on clothing. Wear protective eyewear (goggles, face shield or safety glasses), protective clothing and rubber gloves. Wash thoroughly with soap and water after handling. Harmful if swallowed. Remove contaminated clothing and wash clothing before reuse.

EPA Reg. No. 47371-147-44446

NEPA Health: 1

NEPA Flammability: 0

NEPA Reactivity: 1

NFPA Other: None

HMIS Health: 1

HMIS Flammability: 0

HMIS Reactivity: 1

HMIS Protection: B

16: Other Information

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N/A = Not Applicable; N/D = Not Determined

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