

Material Safety Data Sheet

May be used to Comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be Consulted for specific requirements

HMIS

HEALTH

2

REACTIVITY

0

FLAMMABILITY

0

CORROSIVE

2

Identity (As Used On Label and List)

G3100 Ice Machine Cleaner

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufactured for:

OMEGA INDUSTRIAL SUPPLY, INC

Emergency Telephone Number:

1-800-424-9300

Address (Number, Street, City, State, and Zip Code)

4950-B Fulton Drive

Telephone Number for Information:

1-800-571-7347

Fairfield, CA 94534

Date Prepared

04-02-2004

Signature of Prepare (Optional)

REGULATORY DEPT.

Section II - Hazardous Ingredients / Identity Information

Hazardous Components

(Specific Chemical Identity, Common Name(s))

CAS No.

OSHA PEL

ACGIH-TLV

Other Limits

Recommended.

%(Opt.)

Phosphoric Acid*

7664-38-2

1mg/m³

1mg/m³

Nonionic Surfactant

9016-45-9

N/E

N/E

This product contains the toxic chemicals marked with an * subject to the reporting requirements of Section 313 of the emergency planning and community Right-To-Know Act of 1986 and of 40CFR372.

Any substance listed as hazardous by the State of California, Florida, Illinois, Michigan, New Jersey, Ohio, Pennsylvania or Texas is described above if known present in regulated concentrations.

Section III - Physical Chemical Characteristics

Boiling Point

212°F

Specific Gravity (H₂O = 1)

Concentrate

1.127

Vapor Pressure (mm/Hg)

5.86

Melting Point

—

Vapor Density (Air=1)

N/D

Evaporation Rate (Butyl Acetate=1)

—

Solubility in Water

Complete

pH

—

Appearance and Odor—

VOC (grams per liter)

N/A

Section IV – Fire and Explosion Hazard Data

USA Flame Projection Test (ASTM D-3065)

Non Flammable

Flammable Limits

None

LEL

N/A

UEL

N/A

Extinguishing Media – Water, carbon dioxide or dry chemical.

Fire Fighting Procedures – Wear self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode and full body protection when fighting fires.

Special Fire and Explosion Hazards – Acids reacts with most metals to release hydrogen gas which can form explosive mixtures with air.

Section V – Reactivity Data

Stability	Unstable	<input type="checkbox"/>	Conditions to Avoid – N/A	Hazardous Polymerization	May Occur	<input type="checkbox"/>
	Stable	×			Will Not Occur	×

Incompatibility (Materials to Avoid) – Strong alkalies, alkali metals.

Hazardous Decomposition or Byproducts –May form toxic material: hydrogen chloride, acid vapors, etc

Section VI – Health Hazard Data

Route(s) of Entry:	Eyes? Yes	Inhalation? Yes	Skin? Yes	Ingestion? yes
Carcinogenicity:	NTP? No	IARC Monographs? No	OSHA Regulated? No	

Signs and Symptoms of Exposure:

Eyes— Causes severe damage and even blindness very rapidly.

Skin— Causes burns, possible ulceration.

Inhalation— Mist or dust can cause damage to nasal and respiratory passages.

Ingestion— Results in severe damage to mucous membranes and deep tissues, can result in death on penetration to vital areas.

Medical Conditions Generally Aggravated –None Known

Emergency and First Aid Procedures:

Eyes— Immediately flush with large amounts of water for 15 minutes, lifting upper and lower lids occasionally. Get immediate medical attention. If physician is not immediately available, continue flushing with water.

Skin—Immediately flush exposed area with water for at least 15 minutes, get medical attention. Remove contaminated clothing. Launder contaminated clothing before re use.

Inhalation—If affected, remove individual to fresh air. If breathing difficult, administer oxygen. If breathing has stopped give artificial respiration. Keep person warm, quiet stopped give artificial respiration. Keep person warm, quiet and get medical attention.

Ingestion—DO NOT INDUCE VOMITING. Vomiting will cause further damage to throat. Dilute by giving water. Give milk of magnesia. Keep warm, quiet get medical attention immediately.

Section VII – Precautions For Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled–

Small Spill: Cover the contaminate surface with sodium bicarbonate or a soda ash/slaked lime mixture (50-50). Mix and add water if necessary to form a slurry. Scoop up slurry and wash site with soda ash solution.

Large Spill: persons not wearing protective equipment should be excluded from area of spill until clean-up is completed. Stop spill at source. Dike to prevent spreading.

Waste Disposal Method–Small Spill: Flush down drain with large amounts of water in accordance with applicable regulations.

Large Spills: Collect and add slowly to large volume of agitated solution of soda ash and slaked lime. Add neutralized solution to excess running water in accordance with applicable regulations.

Precautions to be Taken in Handling and Storing –

Store in a cool, dry well ventilated place away from incompatible materials. Keep container tightly closed when not in use. Do not use pressure to empty container.

Other Precautions – KEEP OUT OF REACH OF CHILDREN. Please read and follow directions on product label.

Section VIII – Control Measures

Respiratory Protection (Specify Type) – If workplace exposure limit(s) of product or any component is exceeded a NIOSH/MSHA approved supplied respirator is advised in absence of proper environmental control.

Ventilation	Local Exhaust	Adequate	Special	
	Mechanical (General)		Other	

Protective Gloves –
Rubber, neoprene

Eye Protection –
Chemical splash goggles and face shield.

Other protective Clothing or Equipment – N/A

Work/Hygienic Practices – Observe good hygiene. Wash hands thoroughly after eating, drinking, and using restrooms, etc.