

Section 1 ~ Identification

Identity (As Used On Label and List) G3100 ICE MACHINE CLEANER	Date Prepared: 03-03-2024
Company Information: OMEGA INDUSTRIAL SUPPLY, INC	Emergency Telephone Number: 1-800-424-9300
Address (Number, Street, Suite/Apt#) 1133 WEST 27TH STREET	Telephone Number for Information: 1-800-571-7347
(City, State, and Zip Code) CHEYENNE, WY 82001	Signature of Prepare (Optional) REGULATORY DEPT.

Section 2 ~ Hazard(s) Identification

Product Signal Word	DANGER
Physical Hazard Classification	Corrosive to Metals.
Physical Hazard Precautionary Statement	May be corrosive to metals. Keep only in original container. Absorb spillage to prevent material damage. Store in corrosive resistant container with a resistant inner liner.
Health Hazard Classification(s)	Acute Toxicity - Oral - Level 3 Danger Acute Toxicity - Inhalation - Level 5 Warning Skin Corrosion/Irritation -Level 2 Warning Eye Damage/Irritation -Level 2A Warning Specific Target Organ Toxicity (Repeated Exposure) - Warning
Health Hazard Statement	Toxic if swallowed. Causes skin irritation. Causes serious eye irritation. May be harmful if inhaled. May cause damage to organs through prolonged or repeated exposure.



First-Aid Statements	Do not breathe dust/fume/gas/mist/vapors/spray. Wash hands and exposed areas thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. If Swallowed: Immediately call a POISON CENTER/doctor/physician. If on Skin: Wash with plenty of water. If Inhaled: Call a POISON CENTER or doctor/physician if you feel unwell. If in Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention if you feel unwell. See section 12 if specific treatment is applicable. Rinse mouth. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing. Store locked up. Dispose of contents/container in accordance with local regulations.
Handling and Storage Statement(s)	Do not breathe dust/fume/gas/mist/vapors/spray. Wash hands and exposed areas thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. If Swallowed: Immediately call a POISON CENTER/doctor/physician. If on Skin: Wash with plenty of water. If Inhaled: Call a POISON CENTER or doctor/physician if you feel unwell. If in Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention if you feel unwell. See section 12 if specific treatment is applicable. Rinse mouth. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing. Store locked up.
Exposure Control / Personal Protection Statement(s)	Do not breathe dust/fume/gas/mist/vapors/spray. Wash hands and exposed areas thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. If Swallowed: Immediately call a POISON CENTER/doctor/physician. If on Skin: Wash with plenty of water. If Inhaled: Call a POISON CENTER or doctor/physician if you feel unwell. If in Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention if you feel unwell. See section 12 if specific treatment is applicable. Rinse mouth. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing. Store locked up. Dispose of contents/container in accordance with local regulations.
Disposal Statement(s)	Do not breathe dust/fume/gas/mist/vapors/spray. Wash hands and exposed areas thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. If Swallowed: Immediately call a POISON CENTER/doctor/physician. If on Skin: Wash with plenty of water. If Inhaled: Call a POISON CENTER or doctor/physician if you feel unwell. If in Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention if you feel unwell. See section 12 if specific treatment is applicable. Rinse mouth. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing. Store locked up.

Section 3 ~ Composition/Information on Ingredients

Components	CAS No.	% Range	PEL	TLV
2-BUTOXYETHANOL	111-76-2	1 – 5%	25 ppm	25 ppm
PHOSPHORIC ACID *	7664-38-2	20 – 50%	1 mg/m3	1 mg/m3
INERT MATERIAL	7732-18-5	40 – 75 %	Not Established	Not Established
NONIONIC SURFACTANT	68439-51-0	1 – 5%	ND	ND

* Specific chemical identity and exact percentages are withheld as Trade Secret.

Section 4 ~ First Aid Measures

Do not breathe dust/fume/gas/mist/vapors/spray. Wash hands and exposed areas thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection.

If Swallowed: Immediately call a POISON CENTER/doctor/physician.

If on Skin: Wash with plenty of water.

If Inhaled: Call a POISON CENTER or doctor/physician if you feel unwell.

If in Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention if you feel unwell. See section 12 if specific treatment is applicable. Rinse mouth. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing. Store locked up. Dispose of contents/container in accordance with local regulations.

Permissible Exposure Level: See Section 3 Components

Effects of Acute Overexposure:

EYES: Causes severe damage and even blindness very rapidly.

SKIN: Causes burns, possible ulceration.

BREATHING: Mist or dust can cause damage to nasal and respiratory passages.

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

FIRST AID:

IF ON SKIN: Immediately flush exposed area with water for at least 15 minutes, get medical attention. Remove contaminated clothing. Launder contaminated clothing before re-use.

IF ON 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.

IF SWALLOWED: 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.

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

PRIMARY ROUTE(S) OF ENTRY: Inhalation, skin contact.

Section 5 ~ Fire Fighting Measures

Do not breathe dust/fume/gas/mist/vapors/spray. Wash hands and exposed areas thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. **If Swallowed:** Immediately call a POISON CENTER/doctor/physician. **If on Skin:** Wash with plenty of water. **If Inhaled:** Call a POISON CENTER or doctor/physician if you feel unwell. **If in Eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention if you feel unwell. See section 12 if specific treatment is applicable. Rinse mouth. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing. Store locked up.

Flash Point: Not applicable

Explosive Limit: Not applicable

Extinguishing Media: Water, carbon dioxide or dry chemical

Hazardous Decomposition Products: May form toxic material: hydrogen chloride, acid vapors, etc.

Firefighting 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 & Explosion Hazards: Acids reacts with most metals to release hydrogen gas which can form explosive mixtures with air.

Section 6 ~ Accidental Release Measures

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 Spills: 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.

Section 7 ~ Handling and Storage

Do not breathe dust/fume/gas/mist/vapors/spray. Wash hands and exposed areas thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. **If Swallowed:** Immediately call a POISON CENTER/doctor/physician. **If on Skin:** Wash with plenty of water. **If Inhaled:** Call a POISON CENTER or doctor/physician if you feel unwell. **If in Eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention if you feel unwell. See section 12 if specific treatment is applicable. Rinse mouth. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing. Store locked up.

Respiratory Protection: If workplace exposure limit(s) of product or any component is exceeded (see section II), a NIOSH/MSHA approved supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators (negative pressure type) under specified conditions. Engineering or administrative controls should be implemented to reduce exposure.

Ventilation: Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV(S).

Protective Gloves: Wear resistant gloves such as: Natural rubber, neoprene.

Eye Protection: Chemical splash goggles and face shield (8" min) in compliance with osha regulations are advised; however OSHA regulations also permit other type safety glasses.

Other Protective Equipment: To prevent skin contact, wear impervious clothing and boots.

Section 8 ~ Exposure Controls/Personal Protection

Do not breathe dust/fume/gas/mist/vapors/spray. Wash hands and exposed areas thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. **If Swallowed:** Immediately call a POISON CENTER/doctor/physician. **If on Skin:** Wash with plenty of water. **If Inhaled:** Call a POISON CENTER or doctor/physician if you feel unwell. **If in Eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention if you feel unwell. See section 12 if specific treatment is applicable. Rinse mouth. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing. Store locked up.

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Other Protective Equipment: To prevent skin contact, wear impervious clothing and boots.

Section 9 ~ Physical Chemical Properties

Flash Point (CCP): Not applicable

Boiling Point for Product: 212°F

Vapor Pressure for Product: 5.86 mmHG

Vapor Density for Product: N/D

Specific Gravity: 1.127

V.O.C.: N/A

Water Solubility: Complete

Appearance: Clear Liquid / Mild Odor

PH: 0.0 – 2

Section 10 ~ Stability and Reactivity

Hazardous Polymerization: Cannot occur

Stability: Stable

Incompatibility: Avoid contact with: Strong alkalies, alkali metals.

Section 11 ~ Toxicological Information**2-BUTOXYETHANOL 111-76-2**

Acute Oral Toxicity: LD50 Guinea pig: 1,200 mg/kg

Acute Inhalation Toxicity: LC50 Guinea pig: > 633 ppm, 1 h

Acute Dermal Toxicity: LD50 Guinea pig: > 2,000 mg/kg

PHOSPHORIC ACID * 7664-38-2

Routes of Entry: Absorbed through skin. Dermal contact. Eye contact. Inhalation. Ingestion.

Toxicity to Animals: Acute oral toxicity (LD50): 1530 mg/kg [Rat]. Acute dermal toxicity (LD50): 2740 mg/kg [Rabbit].

Chronic Effects on Humans: May cause damage to the following organs: blood, liver, skin, eyes, bone marrow.

Other Toxic Effects on Humans: Extremely hazardous in case of inhalation (lung corrosive). Very hazardous in case of skin contact (irritant), of ingestion. Hazardous in case of skin contact (corrosive, permeator), of eye contact (corrosive).

NONIONIC SURFACTANT 68439-51-0

Toxicity to Animals

Ingredient Name or Product Name	Test	Result	Route	Species
Alcohol ethoxylate component 2	LD50	1378 mg/kg	Oral	Rat
	LD50	5000 mg/kg	Dermal	Rabbit

Acute Effects Skin Moderately irritating to the skin.

Acute Effects Eyes Moderately irritating to the eyes.

Section 12 ~ Ecological Information

2-BUTOXYETHANOL 111-76-2

Aquatic Toxicity LC50 Fish: 1490 mg/L
Aquatic Toxicity EC50 Crustacea: 550-1000 mg/L

PHOSPHORIC ACID * 7664-38-2

Ecotoxicity (aquatic and terrestrial): LD50 12 hours @ pH of 3 – 3.5
LD50 (12 hours): pH 4.6 (Daphnia Magna)

NONIONIC SURFACTANT 68439-51-0

Ecotoxicity

Ingredient Name or Product Name	Species	Period	Result
Ethoxylated alcohol.1			based on data for: (similar 96 hour(s) 5 to 10 mg/l material) (LC50) based on data for: (similar 48 hour(s) >10 mg/l material) (EC50)
Ethoxylated alcohol.2			based on data for: (similar 72 hour(s) >10 mg/l material) (EC50) Oncorhynchus mykiss based on 96 hour(s) 2.4 mg/l data for: (similar material) (LC50) based on data for: (similar 72 hour(s) 4.5 mg/l material) (EC50) Nitrifying bacteria (based on 4 hour(s) 410 mg/l data for similar material) (EC50)

Biodegradability and Ecotoxicity Remarks Ethoxylated alcohol. 1: >60% BOD, 28 days, Closed Bottle Test (OECD 301D) Ethoxylated alcohol. 2: >60% BOD, 28 days, Modified Sturm Test (OECD 301B)

Products of Degradation These products are carbon oxides (CO, CO2) and water.

If applicable, IARL, NPT and OSHA carcinogens and chemicals subject to the reporting requirements of SARA Title III, Section 313 are identified in Section 3 with an "*". Additional ecological information is Not Determined.

Section 13 ~ Disposal Considerations

Do not breathe dust/fume/gas/mist/vapors/spray. Wash hands and exposed areas thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. **If Swallowed:** Immediately call a POISON CENTER/doctor/physician. **If on Skin:** Wash with plenty of water. **If Inhaled:** Call a POISON CENTER or doctor/physician if you feel unwell. **If in Eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention if you feel unwell. See section 12 if specific treatment is applicable. Rinse mouth. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing. Store locked up.

Waste Disposal Method: Consult local authorities for proper waste disposal procedures. Empty de-pressurized containers cannot be reused. Cans which are pressurized or contain liquid must be disposed of in a permitted waste management facility. Consult Federal, State, and local disposal authorities for approved procedures.

Section 14 ~ Transport Information

Dot Proper Shipping Name: UN1760

Corrosive Liquid N.O.S.

(Phosphoric Acid and Glycol Ether EB) 8, PG III

Section 15 ~ Regulatory Information

Components	CAS No.	PEL	TLV
2-BUTOXYETHANOL	111-76-2	25 ppm	25 ppm
PHOSPHORIC ACID *	7664-38-2	1 mg/m3	1 mg/m3
INERT MATERIAL	7732-18-5	Not Established	Not Established
NONIONIC SURFACTANT	68439-51-0	N/D	N/D

If applicable, IARL, NPT and OSHA carcinogens and chemicals subject to the reporting requirements of SARA Title III, Section 313 are identified above with an "*"

Section 16 ~ Other Information

Consumer Product Safety Act Certification: This product was evaluated by the Company listed above and is certified to be in compliance with the provisions of the Consumer Product Safety Act, the Federal Hazardous Substances Act, and the Poison Prevention Packaging Act, as applicable. This product was manufactured at the location identified on the SDS. The date of manufacture is stamped on the product container. No testing is required to certify compliance with the above mentioned regulation.

Disclaimer: Omega Industrial Supply, Inc. The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modification of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.