



MATERIAL SAFETY DATA SHEET

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<u>Company Name</u> Nu-Calgon Wholesaler, Inc.	<u>Phone Number</u> (314) 469-7000 / (800) 554-5499		<u>CHEMTREC</u> (800) 424-9300	
<u>Street Address</u> 2008 Altom Court	<u>City</u> St. Louis	<u>State</u> MO	<u>Postal Code</u> 63146-4151	<u>Last Update</u> 3/05/13
<u>Product Name</u> Nickel-safe Ice machine cleaner Canadian	<u>Product Number</u> 4841	<u>Product Use</u> Descaler for nickel-plated ice machines.		<u>EPA Registration #</u> N/A

SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	% By Wt.	CAS Number	TLV	PEL
phosphoric acid	<30	7664-38-2	1mg/m3	1mg/m3
citric acid	<5	77-92-9		

SECTION 3 – HAZARD IDENTIFICATION

Emergency Overview: No Data.

Potential Health Effects

Eyes: Severely irritating to eyes on contact. May cause burns. (Primary Route of Exposure)

Skin: Causes severe irritation. May cause burns on prolonged contact.

Ingestion: Severely irritating to mouth, throat and stomach.

Inhalation: Mists irritating to upper respiratory tract.

Chronic Exposure: None known.

Carcinogenicity: No Data.

Medical Conditions Aggravated by Exposure: No Data.

SECTION 4 – FIRST AID MEASURES

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Skin: Flush skin with plenty of water for at least 15 minutes. If irritation persists, get medical attention.

Ingestion: Do NOT induce vomiting. Give 1 or 2 glasses of water to dilute. Get immediate medical attention.

Inhalation: Remove to fresh air.

SECTION 5 – FIREFIGHTING MEASURES

Flash Point: None°C/None°F

Autoignition Temp: No Data.°C/No Data.°F

Hazardous Products of Combustion: No Data.

Flammable Limits in Air: N/A

Extinguishing Media: Product is nonflammable or combustible.

Fire and Explosion Hazards: N/A

Special Firefighting Procedures: None known.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Spill or Leak: Small spills may be mopped up and residues flushed to drain with water. Rinse mop before storing. Neutralize with dilute solution of soda ash.

SECTION 7 – HANDLING AND STORAGE

Handling Procedures and Equipment: This product will withstand an occasional accidental freezing without loss of performance. Thaw and remix before use. This is a complete product. Do not add or mix with other chemicals.

Storage Requirements: This product will withstand an occasional accidental freezing without loss of performance. Thaw and remix before use. This is a complete product. Do not add or mix with other chemicals.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: Not normally required.

Eye Protection: Splash goggles.

Protective Clothing: Rubber Gloves.

Exposure Guidelines: No Data.

Specific Engineering Controls (such as ventilation, enclosed process): Good general ventilation.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: Liquid	Freezing Point: -18°C/0°F	% Volatile by Weight: No Data.%
Color: Green	Vapor Density [air =1]: N/A	Evaporation Rate: N/A
Odor: Mild chemical odor	Vapor Pressure: N/A	Specific Gravity: 1.188
Boiling Point: >93°C/>200°F	Solubility in Water: Complete	pH (concentrate): < 1

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability: Stable

Hazardous Polymerization: Will not occur.

Incompatibilities: Strong bases, ammonia, chlorine bleach.

Reactive Conditions to avoid: none known.

Decomposition Products: Forced ignition of dried residues may produce oxides of phosphorus.

SECTION 11 – TOXICOLOGICAL INFORMATION

<u>Hazardous Ingredients</u>	<u>CAS #</u>	<u>EINECS #</u>	<u>LD 50 of Ingredient</u> (Specify Species)	<u>LC50 of Ingredient</u> (Specify Species)
No Data.				

SECTION 12 – ECOLOGICAL INFORMATION

<u>Hazardous Ingredients</u>	<u>Aquatic Toxicity Data</u>
No Data.	

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal: Unused material is corrosive waste (D002). Used material may be sewered in accordance with all applicable regulations.

SECTION 14 – TRANSPORTATION INFORMATION

Special Shipping Information: No Data.

<u>Purview</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT (Land)	Not Regulated.			
IMO (Water)	No Data.			
ICAO (Air)	No Data.			

SECTION 15 – REGULATORY INFORMATION

WHMIS Classification: (Workplace Hazardous Material Information System)	Class E - Corrosive Material.
SARA Title III: (Superfund Amendments & Reauthorization Act)	No Data.
OSHA: (Occupational Safety & Health Administration)	No Data.
TSCA: (Toxic Substance Control Act)	All ingredients are TSCA listed.
VOC: (volatile Organic Compounds)	0%
CPR: (Canadian Controlled Products Regulations)	This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations.
EINECS: (European Inventory of Existing Commercial Chemical Substances)	No Data.
DSL / NDSL: (Canadian Domestic Substance List)(Non-Domestic Substance List)	No Data.
CERCLA: (Comprehensive Response Compensation & Liability Act)	No Data.
IDL: (Canadian Ingredient Disclosure List)	No Data.
NFPA (HMIS) Rating: (Hazardous Materials Identification System)	Health Hazard.....: 2 Fire Hazard.....: 0 Reactivity.....: 0 Specific Hazard...: X

SECTION 16 – OTHER INFORMATION

No Data.

The information contained herein is based on the data available to us and is believed to be correct. However, Nu-Calgon Wholesaler Inc. makes no warranty, expressed, or implied, regarding the accuracy of this data or the results to be obtained from the use thereof. Nu-Calgon Wholesaler Inc. assumes no liability for injury from the use of the product described herein.