

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: NICKEL SAFE ICE MACHINE CLEANER (NSC)

EMERGENCY PHONE: 1-800-424-9300					VII - PRECAUTIONS FOR SAFE HANDLING AND USE				
May be used to comply with OSHA'S Hazard Communications Standard (HSC) 29 CFR 1910, 1200. Standard must be consulted for specific requirements. This product contains no substances subject to SARA TITLE III and 40 CRF.					HMIS SYMBOLS				
					HEALTH		2		
					REACTIVITY		0		
I - IDENTIFICATION					VIII - SPECIAL PROTECTION INFORMATION				
PRODUCT NAME: (NSC) NICKEL SAFE ICE MACHINE CLEANER			PACKAGE TYPE: 16 oz & 1 gal		RESPIRATORY: Required in misting application in order to keep TLV below limits. Use HEPA with mists cartridge. EYE: Chemical goggles recommended				
PREPARED DEPARTMENT OF HAZARDOUS COMMUNICATIONS			DATE PREPARED: June 2003						
II - HAZARDOUS INGREDIENTS					SKIN: Required to prevent all skin contact PROTECTIVE GLOVES: Recommended - Chemical resistant rubber or plastic gloves OTHER: Do not eat, drink, or smoke in work area. Wash hands before eating. VENTILATION REQUIREMENTS: Local exhaust adequate.				
PRINCIPLE HAZARDOUS COMPONENT(S)	CAS NO	ACGIH TLV	OSHA PEL	% or RANGE					
Phosphoric Acid 85%	7664-38-2	1 mg/m ³	STEL 3 mg/m ³	< 28					
Glycolic Acid 70%	79-14-1	N.E.	N.E.	< 5					
III - PHYSICAL DATA					IX - SPECIAL PRECAUTIONS				
BOILING POINT (°F): 2120F			SPECIFIC GRAVITY (H ₂ O= 1): 1.18		PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep container closed when not in use. SPECIAL PRECAUTIONARY STATEMENTS: Keep this and all chemicals out of reach of children.				
VAPOR PRESSURE (mm Hg): 15			MELTING POINT: N.A.						
VAPOR DENSITY (Air = 1) : > 1			EVAPORATION RATE (H ₂ O= 1) : 1		NOTICE: We believe that the information contained on this material safety data sheet is accurate. The suggested procedures are based on experience as of the date of publication. They are not necessarily nor fully adequate in every circumstance. Also, the suggestions should not be confused with nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, expressed or implied, of merchantability fitness or otherwise is made.				
pH : 1.0			APPEARANCE AND ODOR : Clear, slight vinegar odor						
SOLUBILITY IN WATER : Complete					PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep container closed when not in use.				
IV - FIRE AND EXPLOSION HAZARD DATA									
FLAMMABILITY as per CPSC FLAME EXTENTION TEST: Flash Point N.A.					SARA Title III Reporting Requirements				
SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus. Keep away from oxidizers and alkaline products					302 304/CERCLA (Extremely Hazardous Substances): Reporting not required. (Spills Notification): Not required.				
UNUSUAL FIRE AND EXPLOSION HAZARDS: Reacts with most metals to release toxic gases.									
V - REACTIVITY DATA					311 Community Right-To-Know, RTK): Reporting not required.				
CHEMICAL STABILITY	UNSTABLE		CONDITIONS TO AVOID:						
	STABLE	X							
INCOMPATIBILITY (Materials to avoid): Alkalis and alkaline materials, Chlorine, Oxidizers					312 (RTK Inventory Data): Reporting required for levels above TPQ.				
HAZARDOUS DECOMPOSITION PRODUCTS: Know known									
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID:						
	WILL NOT OCCUR	X							
ROUTE(S) OF ENTRY: EYES Yes SKIN Yes INGESTION Yes INHALATION Yes					313 DOT (Emissions and Releases): Reporting required for phosphoric acid. Corrosive liquid, acidic, inorganic, N.O.S. (Contains Phosphoric Acid) 8, UN3266, PGIII				
EFFECTS OF OVER EXPOSURE: Corrosive - cause burns to eyes, skin, and respiratory tract									
INHALATION: Irritation of nose and throat					References				
SKIN CONTACT/ABSORPTION: Burning and irritating					TOXIC SUBSTANCE CONTROL CT LIST (TSCA) - INGREDIENTS LISTED PERMISSIBLE EXPOSURE REFERENCES: Registry of Toxic Effects of Chemical Substances. Title 29 Code of Federal Regulations. National Toxicology Program (NTP) Report on Carcinogens. International Agency for Research on Cancer (IARC) Monographs. Title 40 Code of Federal Regulations				
INGESTION: Gastric disorder									
EYES: Burning and irritation; possible blindness					REGULATORY STANDARDS: DOT Title 49 Code of Federal Regulations 172.101 SARA Title III				
CARCINOGENICITY:		NTP? Not listed	IARC MONOGRAPHS? N/L	OSHA REGULATED? Not listed					
EMERGENCY AND FIRST AID PROCEDURES:					Nuclear Regulatory Commission				
EYES AND SKIN: EYES - Wash with plenty of water for 15 minutes. GET IMMEDIATE MEDICAL ATTENTION SKIN - Wash well with plenty of soap and water. Get medical attention if irritation persists.									
INHALATION: Move to fresh air. If breathing is difficult get IMMEDIATE MEDICAL ATTENTION.									
INGESTION: Drink water. Do not induce vomiting. GET IMMEDIATE MEDICAL ATTENTION. Call Poison Control Center.									