

WEB-NS

MATERIAL SAFETY DATA SHEET Essentially Similar to U. S. Dept. of Labor OSHA FORM 174

SECTION I

MANUFACTURER: WRICO CORP. 4835 WHIRLWIND SAN ANTONIO, TX 78217
PHONE NUMBER FOR INFORMATION: 210-590-4400
PHONE NUMBER FOR EMERGENCY: Call INFOTRAC 1-800-424-5571
IDENTITY AS USED ON THE LABEL: MARSHALL WEBB CO. NICKEL-SAFE
ICE MACHINE CLEANER
CHEMICAL FAMILY: CLEANING COMPOUND
DOT HAZARD CLASSIFICATION: COMPOUNDS, CLEANING LIQUID, 8, NA1760, III, (CONTAINS PHOSPHORIC ACID)

SECTION II - HAZARDOUS COMPONENTS

NAME	CASE NO.	PERCENT	TLV UNITS
PHOSPHORIC ACID	7664-38-2	50%-65%	1mg/m3
CITRIC ACID	77-92-9	LESS THAN 10%	
WATER	7772-18-5	BALANCE	

SECTION III - PHYSICAL DATA

POINT: 212 F
SPECIFIC GRAVITY: 1.4
PH: ABOUT 1.5
VAPOR PRESSURE: N/A
VAPOR DENSITY: NOT KNOWN
EVAPORATION RATE (WATER=1): 1.0
SOLUBILITY IN WATER: SOLUBLE
APPEARANCE AND ODOR: CLEAR, NON-VISCOUS, NO ODOR.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT AND TEST METHOD: NON COMBUSTIBLE
FLAMMABILITY LIMITS IN AIR: NON COMBUSTIBLE
EXTINGUISHER MEDIA: USE MEDIA COMPATIBLE WITH SURROUNDING FIRE.
SPECIAL FIRE FIGHTING PROCEDURES: USE SELF CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING.
UNUSUAL FIRE AND EXPLOSION HAZARDS: SOLUTIONS OF PRODUCT ARE CORROSIVE

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: 1mg/m3
PRIMARY ROUTES OF ENTRY: SKIN ABSORPTION AND EYES.
EFFECTS OF OVEREXPOSURES: EYES; SEVERELY IRRITATING, CHEMICAL BURN LIKELY.

INGESTION: INGESTION IS LIKELY TO CAUSE BURNS OF THE GASTROINTESTINAL TRACT.

WRICO CORPORATION
4935 WHIRLWIND
SAN ANTONIO, TEXAS 78217
(210) 590-4400 - OFFICE
(210) 590-4451 - FAX

(Page 1)

DATE: JULY 18, 2002

MARSHALL WEBB CO. NICKEL-SAFE ICE MACHINE CLEANER (CONTINUED)

CARCINOGENICITY: NOT LISTED OR REGULATED AS A CARCINOGENE.
INHALATION: INHALATION OF MIST OR SPRAY MAY BE SEVERELY IRRITATING.
PROLONGED EXPOSURE MAY CAUSE TISSUE DAMAGE.
SKIN CONTACT: MILD TO SEVERE IRRITANT. PROLONGED CONTACT MAY CAUSE TISSUE DAMAGE.
FIRST AID PROCEDURES: EYES: IMMEDIATELY FLUSH EYES WITH COPIUS AMOUNTS OF WATER FOR 15 MINUTES, LIFTING THE UPPER AND LOWER EYELIDS INTERMITTANTLY.
INGESTION: IMMEDIATELY GIVE 2 TO 4 GLASSES OF WATER. DO NOT INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. SEEK MEDICAL DOCTOR IMMEDIATELY.
INHALATION: REMOVE TO FRESH AIR. IF DISCOMFORT PERSISTS, SEE A MEDICAL DOCTOR.
SKIN: WASH WITH WATER THOROUGHLY. WHILE REMOVING CONTAMINATED CLOTHING. IF IRRITATION PERSISTS, SEE A MEDICAL DOCTOR.

SECTION VI - REACTIVITY DATA

STABILITY: STABLE.
CONDITIONS TO AVOID: HIGH TEMPERATURES, CONTACT WITH ALKALINE MATERIALS.
INCOMPATIBILITY: ALAKLIES, OXIDIZER AGENTS, CYANIDES, REACT WITH METALS.
HAZARDOUS DECOMPOSITION PRODUCTS: AT FLAME TEMPERATURES, WILL EMIT TOXIC PHOSPHOURUS OXIDE FUMES.
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

VII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NONE NORMALLY REQUIRED.
PROTECTIVE CLOTHING: RUBBER OR NEOPRENE GLOVES, APRON AND FOOTWEAR.
EYE PROTECTION: FULL FACE SHIELD OR GOGGLES
VENTILATION RECOMMENDED: NORMAL VENTILATION IS GENERALLY ADEQUATE.

SECTION VIII - ENVIRONMENTAL DATA

SPILL AND LEAK PROCEDURES: DO NOT DRAIN INTO SEWERS OR SURFACE WATERS.
CAREFULLY DIKE AND NEUTRALIZE WITH LIME OR SODA ASH.
WASTE DISPOSAL METHOD: DISPOSED OF IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS.

SECTION IX - SPECIAL PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN
HANDLE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICES.

NOTICE: INFORMATION BASED ON INDIRECT TEST DATA.
WE BELIEVE THE STATEMENTS, TECHNICAL INFORMATION, AND RECOMMENDATIONS CONTAINED
HEREIN ARE RELIABLE, BUT THEY ARE GIVEN WITHOUT WARRANTY OR GUARANTEE OF ANY KIND,
EXPRESS OR IMPLIED.

WRICO CORPORATION
4835 WHIRLWIND
SAN ANTONIO, TEXAS 78217
(210) 590-4400 - OFFICE
(210) 590-4451 - FAX

(Page 2)

DATE: JULY 18, 2002