

**MATERIAL SAFETY DATA SHEET****PRODUCT IDENTIFICATION**

PRODUCT: **NRP EVAPORATOR COIL CLEANER**    **HMIS CODES:**    **H**    **F**    **R**  
(AEROSOL-MULTI KLEEN)  
PRODUCT CODE: **N4860**    1    0    0

**MANUFACTURER: COMSTAR INTERNATIONAL INC.**

**ADDRESS: 20-45 128<sup>th</sup> STREET, COLLEGE POINT, NY 11356**

**INFORMATION: 718-445-7900**

**EMERGENCY: CHEMTREC - 800-424-9300**

**DATE: 5/2003**

**PREPARER: R. Madariaga**

**DISTRIBUTOR: NATIONAL REFRIGERATION PRODUCTS**

**2900 SAMUEL DRIVE · BENSALEM, PA 19020-7306**

**1-800-352-6951**

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**HAZARDOUS INGREDIENTS / IDENTITY INFORMATION**

<b>HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY)</b>	<b>CAS NUM</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>	<b>OTHER LIMITS RECOMMENDED</b>	<b>PERCENTAGE (OPTIONAL)</b>
POTASSIUM HYDROXIDE OR	1310-58-3	2MG/M3	2MG/M3		
SODIUM HYDROXIDE	1310732	2MG/M3	2MG/M3		
SURFACTANT	9016-45-9	NA	NA		
SODIUM GLUCONATE	527-07-01	NA	NA		
DIPROPYLENE GLYCOL		NA	NA		

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**PHYSICAL/CHEMICAL CHARACTERISTICS**

**BOILING POINT:** 300°F

**MELTING POINT:** NA

**VAPOR PRESSURE @ 70 DEG F:** < 0.01

**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** > 2

**VAPOR DENSITY (AIR=1):** NA

**EVAPORATION RATE: (BUTYL ACETATE=1):** NA

**SOLUBILITY IN WATER:** COMPLETE

**APPEARANCE AND ODOR:** YELLOW WITH ALKALINE ODOR.

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**FIRE AND EXPLOSION HAZARD DATA**

**FLASH POINT:** NONE

**FLAMMABLE LIMITS:** LET: NA

UEL: NA

**EXTINGUISHING MEDIA:** WATER FOG, DRY CHEMICAL, UNIVERSAL FOAMS, CO<sub>2</sub>.

**SPECIAL FIREFIGHTING PROCEDURES:** SELF-CONTAINED RESPIRATORY PROTECTION SHOULD BE PROVIDED FOR FIREMEN FIGHTING IN BUILDINGS OR CONFINED AREAS.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** NONE KNOWN.

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### REACTIVITY DATA

**STABILITY:** STABLE  
**CONDITIONS TO AVOID:** SEE BELOW  
**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR  
**CONDITIONS TO AVOID:** NONE KNOWN  
**INCOMPATIBILITY (MATERIALS TO AVOID):** STRONG OXIDIZING AGENTS.  
**HAZARDOUS DECOMPOSITION OR PRODUCTS:** NONE KNOWN.

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### HEALTH HAZARD DATA

**ROUTE(S) OF ENTRY:** INHALATION? YES SKIN? YES INGESTION? YES

**HEALTH HAZARDS (ACUTE & CHRONIC):** THIS IS A BLENDED PRODUCT WITH LESS THAN 10% ACTIVE INGREDIENTS. TESTS ON SKIN HAVE NOT DEMONSTRATED ANY ACUTE OR CHRONIC REACTIONS.

**CARCINOGENICITY:** NO NTP? NO IARC MONOGRAPHS? NO OSHA REGULATED? NO

**SIGNS AND SYMPTOMS OF EXPOSURE:** RASH, HEADACHE, NAUSEA, DIZZINESS.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** NONE KNOWN.

### EMERGENCY AND FIRST AID PROCEDURES:

**SKIN:** REMOVE CONTAMINATED CLOTHING AND WASH SKIN WITH SOAP AND WATER.

**EYES:** HOLD EYELIDS OPEN AND FLUSH WITH WATER FOR 15 MINUTES.

**INHALATION:** REMOVE TO FRESH AIR.

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### PRECAUTIONS FOR SAFE HANDLING AND USE

**STEPS TO BE TAKEN IN CASE OF RELEASE OR SPILL:** SOAK, SWEEP OR VACUUM INTO AN APPROPRIATE PLASTIC HOLDING CONTAINER.

**WASTE DISPOSAL METHOD:** DISPOSE OF ALL WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

**PRECAUTIONS FOR STORAGE AND HANDLING:** KEEP AWAY FROM HEAT, SPARKS, OPEN FLAME OR DIRECT SUNSHINE. DO NOT PUNCTURE OR INCINERATE.

**OTHER PRECAUTIONS:** INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING VAPOR CONTENTS CAN BE HARMFUL.

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### CONTROL MEASURES

**RESPIRATORY PROTECTION:** GOOD WORK PRACTICE DICTATES THE USE OF RESPIRATORY PROTECTION.

**VENTILATION: LOCAL EXHAUST: YES**

**SPECIAL: NONE**

**MECHANICAL (GENERAL): YES**

**OTHER: NONE**

**PROTECTIVE GLOVES:** POLYFLUORINATED OR POLYVINYL ALCOHOL OR VITON.

**EYE PROTECTION:** SAFETY GOGGLES OR FACE SHIELD.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** PLASTIC OR RUBBER APRON.

**WORK/HYGIENIC PRACTICES:** WASH HANDS AFTER USE.

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