MATERIAL SAFETY DATA SHEET

IDENTITY: EPIC

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM

- HMIS RATINGS -

FLAMMABILITY

- HMIS HAZARD INDEX -

4 - SEVERE

3 - SERIOUS 2 - MODERATE

1 - SLIGHT 0 - MINIMAL

REACTIVITY 1 PERSONAL PROTECTION B

*- SEE LAST PAGE FOR CODES

SECTION I - COMPANY NAME AND LOCATION

HEALTH

CHASKA CHEMICAL CO., INC. 12502 Xenwood Ave. S. Savage, MN 55378

EMERGENCY TELEPHONE NUMBER 1-800-424-9300 CHEMTREC

TELEPHONE NUMBER FOR INFORMATION (612) 890-1820

SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

INGREDIENTS

CAS NO.

OSHA PEL

ACCIH TLV

Sodium Carbonate

Unknown

NE

NE

SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

NA = NOT APPLICABLE

NE - NOT ESTABLISHED

APPEARANCE AND ODOR: White Powder; No Odor

SPECIFIC GRAVITY: NA SOLUBILITY IN WATER: Complete

BOILING POINT: NA

VAPOR PRESSURE: NA VAPOR DENSITY: NA **EVAPORATION RATE**

(n-Butyl Acetate = 1); NA

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

NA = NOT APPLICABLE

NE = NOT ESTABLISHED

FLASH POINT (METHOD): NA

EXTINGUISHING MEDIA: NA

(TCC ASTM D-56)

FLAMMABLE LIMITS: LEL = NA

UEL = NA

SPECIAL FIRE FIGHTING PROCEDURES: NA

Х

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SECTION V - REACTIVITY DATA

NA = NOT APPLICABLE

NE = NOT ESTABLISHED

STABILITY: STABLE CONDITIONS TO AVOID: None

UNSTABLE

INCOMPATIBILITY: Strong acids HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of Carbon

HAZARDOUS POLYMERIZATION: MAY OCCUR

WILL NOT OCCUR _X_

SECTION VI - HEALTH HAZARD DATA

NA # NOT APPLICABLE

NE = NOT ESTABLISHED

THRESHOLD LIMIT VALUE: NA

ROUTES OF ENTRY INHALATION - No SKIN - No INGESTION - Yes

HEALTH HAZARDS:

ACUTE - See overexposure CHRONIC - Unknown

CARCINOGENICITY:

NTP - No

IARC MONOGRAPHS - No OSHA REGULATED - No

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Unknown

HEALTH HAZARD DATA (CONTINUED)

SIGNS AND SYMPTOMS OF OVEREXPOSURE:

EYES: Burns, Imitation SKIN: Burns, Irritation

INTERNAL: If swallowed, burning and irritation of the mouth, throat and stomach.

INHALATION: Irritation of the upper respiratory tract.

EMPROPRICY AND PIRST AND PROCEDURES

ligibly flush with cool running water for at least 20 minutes while holding eyelide apart. Remove japa Japa Immediately flush with cool running water for at least 20 minutes. Remove any centerninated clothing 210 and wash before reuse If awaitowed, call 911 or 1-808-424-6268 immediately for emergency medical sesistance. DO NOT-

Promptly remove to fresh ste

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

NA = NOT APPLICABLE

NE = NOT ESTABLISHED

IN CASE OF SPILL: Sweep up spill and return to container for re-use.

WASTE DISPOSAL METHOD: Consult State, Local & Federal regulations governing the disposal of alkali.

HANDLING AND STORAGE PRECAUTIONS: Keep container tids closed in humid environments.

OTHER PRECAUTIONS: None

SECTION VIII - CONTROL MEASURES

NA - NOT APPLICABLE

NE = NOT ESTABLISHED

SPECIAL - NA

RESPIRATORY PROTECTION (SPECIFY TYPE): CCROVDM

VENTILATION: LOCAL EXHAUST - To reduce dust.

MECHANICAL - NA

PROTECTIVE GLOVES: Rubber EYE PROTECTION: Goggles / Faceshield

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None normally required

WORK / HYGIENE PRACTICES: Read product label directions and warnings before use. Wash after use.

SECTION IX - ADDITIONAL INFORMATION AND COMMENTS

S.A.R.A. SECTION 313 (TOXIC CHEMICAL) LIST:

None

PREPARED BY: Steven W. Ernst

DATE PREPARED: 02/10/04 **REVISION OF: 01/20/03**

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*- LETTER DESIGNATIONS OF PERSONAL PROTECTIVE EQUIPMENT SAFETY GLASSES SAFETY GLASSES, GLOVES ... SAFETY GLASSES, GLOVES, SYNTHETIC APRON FACE SHIELD, GLOVES, SYNTHETIC APRON. SAFETY GLASSES, GLOVES, DUST RESPIRATOR ... D SAFETY GLASSES, GLOVES SYNTHETIC APRON, DUST RESPIRATOR Ε SAFETY GLASSES, GLOVES, VAPOR RESPIRATOR. SPLASH GOGGLES, GLOVES, SYNTHETIC APRON VAPOR RESPIRATOR G SAFETY GLASSES, GLOVES COMBINATION DUST/VAPOR RESPIRATOR.... н SPLASH GOGGLES, GLOVES, SYNTHETIC APRON, COMBINATION DUST/VAPOR RESPIRATOR AIRLINE HOOD/MASK, GLOVES, FULL PROTECTIVE SUIT, BOOTS SITUATIONS MAY REQUIRE SPECIALIZED HANDLING-CHECK WITH SUPERVISOR