### MATERIAL SAFETY DATA SHEET

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# ALL-PURPOSE CLEANER SECTION 1: GENERAL INFORMATION

| PRODUCT NAME                           | ALL-PURPOSE CLEANER     | DATE PREPARED                      | JULY 23-98                 |
|--|-------------------------|------------------------------------|----------------------------|
| <b>CHEMICAL NAME &amp;</b>             | CHEMICAL BLEND          | SUPERSEDES                         | SEPT-10-97                 |
| SYNONYMS<br>CHEMICAL FAMILY<br>FORMULA | ALKALINE<br>PROPRIETARY | 24 HOUR<br>EMERGENCY<br>ASSISTANCE | CHEMTREC<br>1-800-424-9330 |

#### SECTION II: PHYSICAL DATA

| pH (1% SOLUTION) | 10.5-11.0          | SOLUBILITY IN WATER          | COMPLETE    |
|------------------|--------------------|------------------------------|-------------|
| BOILING RANGE    | 212 F AND<br>ABOVE | EVAPORATION RATE (WATER = 1) | LESS THAN 1 |

% VOLATILE BY VOLUME 92% SPECIFIC GRAVITY 1.05

APPEARANCE & ODOR CLEAR BLUE LIQUID WITH NO DISTINGUISHABLE ODOR

#### SECTION III: HAZARDOUS INGREDIENTS

| PRINCIPAL HAZARDOUS COMPOUNDS | %            | THRESHOLD LIMIT VALUE ( UNITS) |
|-------------------------------|--------------|--------------------------------|
| ALKYL ARYL POLYETHOXY ALCOHOL | LESS THAN 5  | NON EST. (SEVERE EYE IRRITANT) |
| SODIUM METASILICATE           | LESS THAN 5  | 2MG/CUBIC METER                |
| SODIUM TRIPOLYPHOSPHATE       | LESS THAN 10 | IRRITANT                       |

#### SECTION IV: FIRE & EXPLOSION HAZARD DATA

| FLASH POINT (TEST METHOD)        | DOES NOT FLASH |
|----------------------------------|----------------|
| FLAMMABILITY LIMITS              | NA             |
| EXTINGUISHING MEDIA              | NA             |
| SPECIAL FIRE FIGHTING PROCEDURES | NA             |
| FIRE AND EXPLOSION HAZARDS       | NONE           |

#### SECTION V: HEALTH HAZARD DATA

| ACGIH THRESHOLD LIMIT VALUE | NOT ESTABLISHED FOR MIXTURE |
|-----------------------------|-----------------------------|
|                             |                             |

**CARCINOGEN - NTP PROGRAM** NO **CARCINOGEN - IARC PROGRAM** NO

**PRIMARY ROUTES OF ENTRY**CAN BE EXTREMELY IRRITATING TO THE EYES UPON DIRECT CONTACT.

PROLONGED SKIN CONTACT MAY CAUSE IRRITATION. INHALATION OF HIGH

MIST CONCENTRATION MAY BE IRRITATING TO NOSE AND THROAT. HARMFUL IS SWALLOWED. MAY CAUSE BURNS TO MOUTH AND THROAT.

CHRONIC HEALTH HAZARDS NONE KNOWN

EMERGENCY FIRST AID EYES: FLUSH THOROUGHLY WITH WATER FOR 15 MINUTES AND CALL

PHYSICIAN.

SKIN: FLUSH THOROUGHLY WITH WATER FOR 15 MINUTES.
INHALATION: REMOVE TO FRESH AIR. TREAT SYMPTOMATICALLY

INGESTION: DO NOT INDUCE VOMITING. CALL A PHYSICIAN IMMEDIATELY.

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#### SECTION V: HEALTH HAZARD DATA (Cont'd)

#### **SECTION 313 SUPPLIER NOTIFICATION**

THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SARA TITLE III, SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND 40CFR372:

CAS# CHEMICAL NAME PERCENT BY WEIGHT

SECTION VI: REACTIVITY DATA

STABILITY STABLE CONDITIONS TO NA

AVOID
MATERIALS TO AVOID STRONG ACIDS HAZARDOUS WILL NOT OCCUR

POLYMERIZATION

HAZARDOUS CARBON MONOXIDE FROM THERMAL DECOMPOSITION

DECOMPOSITION PRODUCTS

SECTION VII: ENVIRONMENTAL PROTECTION

SPILL RESPONSE DIKEA AND CONTAIN SPILLED MATERIAL. SMALL QUANTITIES MAY BE

NEUTRALIZED WITH A DILUTE ACID. MATERIAL MAY THEN BE FLUSHED TO A SANITARY SEWER WITH LARGE AMOUNTS OF WATER LARGER SPILLS MAY BE COLLECTED WITH AN INERT ABSORBENT AND

TRANSFERED TO A CONTAINER FOR REUSE OR DISPOSAL

WASTE DISPOSAL METHOD FOLLOW FEDERAL, STATE, AND LOCAL REGULATIONS REGARDING

HEALTH AND POLLUTION.

SECTION VIII: SPECIAL PROTECTION INFORMATION

EYE PROTECTION CHEMICAL SAFETY SKIN PROTECTION RUBBER PVC OR NEOPRENE

GOGGLES GLOVES

RESPIRATORY NONE REQUIRED VENTILATION GENERAL

PROTECTIONUNDER NORMAL USERECOMMENDEDOTHER PROTECTIONAS NEEDED TO PREVENT SKIN CONTACT

SECTION IX: SPECIAL PRECAUTIONS

HANDLING & STORAGE CAUTION!!! ALKALINE LIQUID.!

**PRECAUTIONS** AVOID CONTACT WITH SKIN, EYES OR CLOTHING, AVOID BREATHING SPRAY

MIST, IN CASE OR CONTACT WITH EYES, FLUSH THOROUGHLY WITH WATER FOR

15 MINUTES AND GET MEDICAL ATTENTION IF IRRITATION PERSISTS. IF

SWALLOWED DRINK LARGE QUANTITIES OF WATER OR IF AVAILABLE ONE PART

WATER TO ONE PART FRUIT JUICE OR VINEGAR. WASH CONTAMINATED

CLOTHING BEFORE USE..

OTHER PRECAUTIONS KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. WASH THOROUGHLY

AFTER HANDLING MATERIAL.

The information provided in this Material Safety Data Sheet has been compiled from our experience and data presented in various technical publications. It is the users responsibility to determine the suitability of this information for the information for the adoption of safety precautions as may be necessary. We reserve the right to revise Material Safety Data Sheets from time to time as new technical information becomes available. The information contained herein if furnished without warranty of any kind.