SECTION I - NAME AND PRODUCT

MFG NAME AND ADDRESS
EM SCIENCE
111 WOODCREST ROAD
P.O. BOX 501B
CHERRY HILL
NJ 08034-0395

CHEMICAL NUMBER: MSX0320-3
ITEM NUMBER: 403994
VNDR CATLG NBR: NA
ENTRY DATE: 10-07-85
CHANGE DATE:
EMERGENCY PHONE: 609-423-6300

CHEMICAL NAME:
SODIUM BICARBONATE RGT PWD
TRADE NAME SYN:
BAKING SODA, SODIUM ACID CARBONATE
CHEMICAL FAMILY:
INORGANIC SALT

SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS:
N/A

SECTION III - PHYSICAL DATA

S/10 = SEE SECTION X

BOIL. POINT NA
SPECIFIC GRAVITY 2.16
VAPOR PRESS. NA
MELT. POINT S/10
VAPOR DENSITY NA
EVAP. RATE NA
SOLUBLE IN WATER NA
PERCENT VOLATILE NA

APPEARANCE AND ODOR:
WHITE, ODORLESS CRYSTALLINE POWDER

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: NONFLAMMABLE
FLAMMABLE LEL: N/A
FLAMMABLE UEL: N/A

EXTINGUISHING MEDIA:
WATER

SPECIAL FIRE FIGHTING PROCEDURES:
NONE

UNUSUAL FIRE AND EXPLOSION HAZARDS:
NONE
SECTION V - HEALTH HAZARD DATA

THRESHOLD-LIMIT-VALUE:
NONE ESTABLISHED TXDS: ORL-RAT LD50: 4220 MG/KG

EFFECTS OF OVEREXPOSURE:
MAY CAUSE EYES AND SKIN IRRITATION

EMERGENCY AND FIRST AID PROCEDURES:
SKIN: FLUSH WITH WATER; GET MEDICAL ASSISTANCE FOR PERSISTANT DERMATITIS
EYES: FLUSH THOROUGHLY WITH WATER; GET MEDICAL ASSISTANCE
INHALATION: REMOVE TO FRESH AIR; GET MEDICAL ASSISTANCE
INGESTION: GET MEDICAL ASSISTANCE

SECTION VI - REACTIVITY DATA

INDICATORS: STABILITY - STABLE POLYMERIZATION - MAY NOT OCCUR
CONDITIONS TO AVOID:
NONE

INCOMPATIBILITY (MIX TO AVOID):
( ) WATER ( ) ACIDS ( ) BASES ( ) CORROSIVES ( ) OXIDIZERS
(X) OTHER: REACTS VIOLENTLY WITH AMMONIUM PHOSPHATE, MONOBASIC

HAZARDOUS DECOMPOSITION OR BY PRODUCTS:
COX

POLYMERIZATION CONDITIONS TO AVOID:
N/A

SECTION VII - SPILL OR LEAK PROCEDURES OR DISPOSAL

MATERIAL RELEASE OR SPILL PROCEDURES:
SWEEP UP AND CONTAINERIZE FOR DISPOSAL

WASTE DISPOSAL METHOD:

TO BE PERFORMED IN COMPLIANCE WITH ALL CURRENT LOCAL, STATE AND FEDERAL REGULATIONS
SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:
DO NOT BREATHE DUST.
VENTILATION - LOCAL:
   N/A
VENTILATION - MECHANICAL:
   PROVIDE ADEQUATE GENERAL MECHANICAL VENTILATION.
VENTILATION - SPECIAL:
   N/A
OTHER
   AVOID PROLONGED OR REPEATED CONTACT WITH SKIN.
   PROTECTIVE GLOVES:
     SAFETY GLOVES
   EYE PROTECTION:
     SAFETY GOGGLES

SECTION IX - SPECIAL PRECAUTIONS

HANDLING AND STORAGE PRECAUTIONS:
   KEEP CONTAINER CLOSED.
   STORE AT CONTROLLED ROOM TEMPERATURE.
   WASH THOROUGHLY AFTER HANDLING.
   DOT - NOT REGULATED

SECTION X - OTHER INFORMATION

NFPA: 0  0  0
HEALTH  FLAMMABILITY  REACTIVITY

PHYSICAL DATA CONTINUED; SEE SECTION III:
MELTING POINT: 122 DEG. F. (DEC).

THE STATEMENTS CONTAINED HEREIN ARE OFFERED FOR INFORMATION PURPOSES ONLY.
WE MAKE NO WARRANTIES, EXPRESS OR IMPLIED, AND ASSUME NO LIABILITY IN CONNECTION
WITH ANY USE OF THIS INFORMATION.

NOTE: NA OR N/A DENOTES NOT-AVAILABLE OR NON-APPLICABLE