



## MATERIAL SAFETY DATA SHEET 7,094

02/15/86

## SECTION I - NAME AND PRODUCT

MFG NAME AND ADDRESS  
EM SCIENCE  
111 WOODCREST ROAD  
P.O. BOX 5018  
CHERRY HILL  
NJ 080340395

CHEMICAL NUMBER: MSX0320-3  
ITEM NUMBER : 403994  
VNDR CATLG NBR :  
ENTRY DATE : 10-07-85  
CHANGE DATE :  
EMERGENCY PHONE: 609 4236300

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



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## 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 (MATL TO AVOID):

 WATER  ACIDS  BASES  CORROSIVES  OXIDIZERS  
 OTHER: REACTS VIOLENTLY WITH AMMONIUM PHOSPHASE, MONOBASIC

## HAZARDOUS DECOMPOSITION OR BY PRODUCTS:

COX

## POLYMERIZATION CONTIONS 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



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SEQ. NO.

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).

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