

EM INDUSTRIES INC, EM SCIENCE DIVISION -- SODIUM BICARBONATE, BAKING SODA, SX0325 --  
6810-00-264-6618

===== Product Identification =====

Product ID:SODIUM BICARBONATE, BAKING SODA, SX0325  
MSDS Date:12/10/1992  
FSC:6810  
NIIN:00-264-6618  
MSDS Number: BDQST  
=== Responsible Party ===  
Company Name:EM INDUSTRIES INC, EM SCIENCE DIVISION  
Address:480 DEMOCRAT RD  
Box:70  
City:GIBBSTOWN  
State:NJ  
ZIP:08027  
Co  
untry:US  
Info Phone Num:609-354-9200  
Emergency Phone Num:800-424-9300 (CHEMTREC)  
CAGE:0AL61

=== Contractor Identification ===

Company Name:E M SCIENCE, MCB MFG CHEMISTS INC  
Address:480 DEMOCRAT RD  
Box:70  
City:GIBBSTOWN  
State:NJ  
ZIP:08027  
Country:US  
Phone:800-424-9300  
CAGE:1U692  
Company Name:EM INDUSTRIES INC CHEMICALS & PIGMENTS DIVISION  
Address:7 SKYLINE DRIVE  
Box:City:HAWTHORNE  
State:NY  
ZIP:10532  
Country:US  
Phone:914-592-4660  
CAGE:0AL61

===== Composition/Information on Ingredients =

=====

Ingred Name:SODIUM BICARBONATE (1:1)  
CAS:144-55-8  
RTECS #:VZ0950000  
Fraction by Wt: 100%  
OSHA PEL:N/K  
ACGIH TLV:N/K

===== Hazards Identification =====

LD50 LC50 Mixture:LD50: (ORAL, RAT): 4220 MG/KG  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:MAY CAUSE EYE IRRITATION.  
Explanation of Carcinogenicity:NOT RELEVANT  
Effects of Overexposure:SEE HEALTH HAZARDS.  
Medical Cond Aggravated by Exposure:NONE INDICATED.

===== First Aid Measures =====

First Aid:GET MEDICAL ASSISTANCE IF ANY ADVERSE EFFECTS SHOULD DEVELOP.  
SKIN: WASH THOROUGHLY WITH SOAP AND WATER. EYES: IMMEDIATELY FLUSH THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES. INHAL: REMOVE TO FRESH AIR; GIVE ARTIFICIAL RESPIRATION IF BREATHING HAS STOPPED. INGEST: GET IMMEDIATE MEDICAL ATTENTION; IF CONSCIOUS, GIVE WATER FREELY.

=====

===== Fire Fighting Measures =====

Flash Point:NON-FLAMMABLE  
Extinguishing Media:WATER.  
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT .  
Unusual Fire/Explosion Hazard:NONE INDICATED.

===== Accidental Release Measures =====

Spill Release Procedures:EVACUATE AREA OF ALL UNNEC PERS. WEAR SUITABLE PROT EQUIP. ELIM ANY IGNIT SOURCES UNTIL AREA DETERM TO BE FREE FROM EXPLOS/FIRE HAZ. CNTN RELEAS

E & ELIM ITS SOURCE, IF IT CAN BE

DONE W/OUT RISK. TAKE UP & CONTAINERIZE FOR PROPER DISP. COMPLY (SUPDAT)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:KEEP CONTAINER CLOSED. STORE AT CONTROLLED ROOM TEMPERATURE. DO NOT GET IN EYES.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:US

E NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN .

Ventilation:MECHANICAL VENTILATION ADEQUATE.

Protective Gloves:NEOPRENE/EQUIVALENT.

Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS.

Other Protective Equipment:EYEWASH & SAFETY EQUIPMENT.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING. DO NOT TAKE INTERNALLY.

Supplemental Safety and Health

SPILL PROC: W/FED, STATE & LOCAL REGS ON REPORTING RELEASES.

===== Physical/Chemical Properties =====

=====

HCC:N1

Melt/Freeze Pt:M.P/F.P Text:252F,122C

Spec Gravity:2.16

Solubility in Water:SOLUBLE

Appearance and Odor:WHITE,CRYSTALLINE,ODORLESS POWDER.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

ACIDS. REACTS VIOLENTLY WITH AMMONIUM PHOSPHATE, MONOBASIC.

Stability Condition to Avoid:NONE INDICATED.

Hazardous Decomposition Products:CO\*X.

===== Disposal Considerations =====

Waste Disposal Me

thods:MATERIAL DOES NOT HAVE EPA WASTE NUMBER & IS NOT  
A LISTED WASTE, HOWEVER, CONSULTATION W/A PERMITTED WASTE DISPOSAL  
SITE (TSD) SHOULD BE ACCOMPLISHED. ALWAYS CONTACT A TSD TO ASSURE  
COMPLIANCE WITH ALL CURRENT LOCAL, STATE & FEDERAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, w  
arrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.