

SPECTRUM CHEMICAL MANUFACTURING CORP. -- SODIUM BICARBONATE -- 6810-00-241-1143

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

Product ID:SODIUM BICARBONATE

MSDS Date:09/30/1997

FSC:6810

NIIN:00-241-1143

MSDS Number: BPVMY

=== Responsible Party ===

Company Name:SPECTRUM CHEMICAL MANUFACTURING CORP.

Address:14422 SOUTH SAN PEDRO STREET

City:GARDENA

State:CA

ZIP:90248-2027

Country:US

Info Phone Num:213-516-800

0

Emergency Phone Num:310-516-8000

Resp. Party Other MSDS Num.:83660

Preparer's Name:E. BRULL

Chemtec Ind/Phone:(800)424-9300

CAGE:63415

=== Contractor Identification ===

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

Company Name:INDUSTRIAL CHEMICAL COMMODITIES INC

Address:15944 DERWOOD RD

Box:City:ROCKVILLE

State:MD

ZIP:20855

Country:US

Phone:800-284-5279

Contract Num:SP0450-99-M-C3

11
CAGE:1ELU0
Company Name:SPECTRUM LABORATORY PRODUCTS INC
Address:14422 S SAN PEDRO ST
Box:City:GARDENA
State:CA
ZIP:90248-2027
Country:US
Phone:310-516-8000/FAX: 310-516-9843
CAGE:63415

=====
Composition/Information on Ingredients
=====

Ingred Name:SODIUM BICARBONATE
CAS:144-55-8
RTECS #:VZ0950000
= Wt:100.
Other REC Limits:10MG/CUM AS DUST

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

LD50 LC50 Mixture:ORAL-RAT LD50= 4420 MG/KG
Routes of Entry: In
halation:YES Skin:UNKNOWN Ingestion:YES
Health Hazards Acute and Chronic:SLIGHTLY DANGEROUS IN CASE OF EYE
CONTACT (IRRITANT), OF INHALATION. VERY SLIGHTLY TO SLIGHTLY
DANGEROUS IN CASE OF SKIN CONTACT (IRRITATION), OF INGESTION. THIS
PRODUCT MAY IRRITATE EYES AND SKIN ON C ONTACT.
CHRONIC:CARCINOGENIC EFFECTS: NOT AVAILABLE. MUTAGENIC EFFECTS: NOT
AVAILABLE. TERATOGENIC EFFECTS: NOT AVAILABLE. TOXICITY OF THIS
PRODUCT TO THE REPRODUCTION SYSTEM: NOT AVAILABLE. THERE IS
NO
KNOWN EFFECT FROM CHRONIC EXPOSURE TO THIS PRODUCT. REPEATED OR
PROLONGED EXPOSURE IS NOT KNOWN TO AGGRAVATE MEDICAL CONDITION.
Explanation of Carcinogenicity:CARCINOGENIC EFFECTS: NOT AVAILABLE.
MUTAGENIC EFFECTS: NOT AVAILABLE. TERATOGENIC EFFECTS: NOT
AVAILABLE.
Effects of Overexposure:EYES: IRRITATION. SKIN: IRRITATION. INHALATION:
SLIGHTLY TO DANGEROUS IN CASE OF INHALATION. VERY SLIGHTLY TO
SLIGHTLY DANGEROUS IN CASE OF INGESTION.
Medical Cond Aggravated by Expo

sure:REPEATED OR PROLONGED EXPOSURE IS
NOT KNOWN TO AGGRAVATE MEDICAL CONDITIONS.

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

First Aid:EYES: REMOVE CONTACT LENSES. FLUSH EYES WITH WATER FOR 15 MINUTES. KEEP EYELIDS OPEN. DO NOT USE EYE OINTMENT. SEEK MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHES. PLACE VICTIM UNDER DELUGE SHOWER. IF PRODUCT CONTACTS VICTIMS EXPOSED SKIN, WASH AREA WITH NON ABRASIVE SOAP AND WATER. COVER IRRITATED SKIN WITH EMOLLIENT. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. INHALATION: MOVE TO FRESH AIR. GET MEDICAL ATTENTION. INGESTION: REMOVE DENTURES. IF CONSCIOUS, DRINK SEVERAL GLASSES OF WATER OR MILK. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. INDUCE VOMITING BY (CONTD. SEE "OTHER INFORMATION")

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

Flash Point:NON-FLAMMABLE

Extinguishing Media:NON-FLAMMABLE. (USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.)

RE.,)

Fire Fighting Procedures:NON-FLAMMABLE.

Unusual Fire/Explosion Hazard:RISKS OF EXPLOSION OF THE PRODUCT IN PRESENCE OF MECHANICAL IMPACT AND/OR STATIC DISCHARGE: NOT AVAILABLE. NO SPECIFIC INFORMATION IS AVAILABLE IN MANUFACTURER'S DATABASE REGARDING THE PRODUCT'S RISKS OF EXPLOSION IN THE PRESENCE OF VARIOUS MATERIALS.

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

Spill Release Procedures:SMALL SPILL: USE APPROPRIATE TOOLS TO PUT SPILLED SOLID IN CONVENIENT DISPOSAL CONTAINER. FINISH CLEANING BY SPREADING WATER ON THE CONTAMINATED SURFACE. DISPOSE OF ACCORDING TO LOCAL AND REGIONAL AUTHORITY REQUIREMENTS. LARGE SPILL: USE SHOVEL TO PUT MATERIAL INTO A WASTE DISPOSAL CONTAINER. FINISH CLEANING BY SPREADING WATER ON CONTAMINATED SURFACE AND ALLOW TO EVACUATE THROUGH SANITARY SYSTEM.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and

Storage Precautions:NO SPECIFIC STORAGE IS REQUIRED. USE SHELVES OR CABINETS STURDY ENOUGH TO BEAR THE WEIGHT OF THE CHEMICALS. BE SURE IT IS NOT NECESSARY TO STRAIN TO REACH THE MATERIALS AND THAT SHELVES ARE NOT OVERLOADED.

Other Precautions:DO NOT BREATHE DUST. AVOID CONTACT WITH EYES. WEAR SUITABLE PROTECTIVE CLOTHING. IN CASE OF INSUFFICIENT VENTILATION, WEAR SUITABLE RESPIRATORY EQUIPMENT. IF YOU FEEL UNWELL, SEEK MEDICAL ATTENTION AND SHOW THE LABEL WHEN POSSIBLE.

KEEP AWAY FROM
INCOMPATIBLES (SUCH AS ACIDS).

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

Respiratory Protection:USE NIOSH/MSHA-APPROVED RESPIRATOR OR EQUIVALENT OR DUST RESPIRATOR AS NEEDED.. IN CASE OF LARGE SPILLS USE A SELF CONTAINED BREATHING APPARATUS TO AVOID INHALATION OF PRODUCT.

Ventilation:USE PROCESS ENCLOSURES, LOCAL EXHAUST OR OTHER ENGINEERING CONTROLS TO KEEP AIRBORNE LEVELS BELOW RECOMMENDED EXPOSURE LIMITS.

Protective Gloves:CHEMICAL
RESISTANT GLOVES

Eye Protection:SPLASH GOGGLES.

Other Protective Equipment:LAB COAT. FULL SUIT. DUST RESPIRATOR. BOOTS.
GLOVES.

Work Hygienic Practices:AVOID CONTACT WITH EYES AND SKIN. DO NOT BREATHE DUST. IF USER OPERATIONS GENERATE DUST, FUME, OR MIST, USE VENTILATION TO KEEP EXPOSURE TO AIRBORNE CONTAMINANTS BELOW THE EXPOSURE LIMIT.

Supplemental Safety and Health

PERSONAL PROTECTION IN CASE OF LARGE SPILL: SPLASH GOGGLES. FULL SUIT.
DUST RESPIRATOR. BOOTS. GLOVES. A SELF

-CONTAINED BREATHING

APPARATUS SHOULD BE USED TO AVOID INHALATION OF THE PRODUCT.
SUGGESTED PROTECTIVE CLOTHING MAY NOT BE SUFFICIENT; CONSULT
SPECIALISTS BEFORE HANDLING PRODUCT.

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

HCC:N1

Melt/Freeze Pt:M.P/F.P Text:DECOMPOSES 122F

Decomp Temp:Decomp Text:DECOMPOSES 122F

Spec Gravity:2.159 (H2O = 1)

Solubility in Water:SOLUBLE IN COLD WATER

Appearance and Odor:SOLID

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

a =====

Stability Indicator/Materials to Avoid: YES

SLIGHTLY REACTIVE TO REACTIVE WITH ACIDS. NON-CORROSIVE IN PRESENCE OF GLASS.

Stability Condition to Avoid: THE PRODUCT IS STABLE.

===== Toxicological Information =====

Toxicological Information: TOXICOLOGICAL DATA ON INGREDIENTS: SODIUM BICARBONATE: ORAL, RAT, LD50: 4220 MG/KG. ROUTES OF ENTRY: INGESTION, INHALATION. CHRONIC EFFECTS ON HUMANS: TOXICITY OF THE PRODUCT TO THE REPRODUCTIVE SYSTEM: NOT AVAILABLE. OTHER TOXIC EFFECTS TO HUMANS: SLIGHTLY DANGEROUS TO DANGEROUS IN CASE OF EYE CONTACT (IRRITANT); OF INHALATION. VERY SLIGHTLY TO SLIGHTLY DANGEROUS IN CASE OF SKIN CONTACT (IRRITANT) OF INGESTION.

===== Ecological Information =====

Ecological: ECOTOXICITY: NOT AVAILABLE. BOD5 AND COD: NOT AVAILABLE. PRODUCTS OF BIODEGRADATION: THESE PRODUCTS ARE CARBON OXIDES (CO, CO2). SOME METALLIC OXIDES. TOXICITY OF PRODUCTS OF BIODEGRADATION: THE PRODUCTS OF DEGRADATION ARE MORE TOXIC.

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

Waste Disposal Methods: RECYCLE IF POSSIBLE. CONSULT YOUR LOCAL OR REGIONAL AUTHORITIES ON REGULATIONS COVERING PROPER DISPOSAL REQUIREMENTS.

===== MSDS Transport Information =====

Transport Information: DOT CLASSIFICATION: NOT A DOT CONTROLLED MATERIAL (UNITED STATES). IDENTIFICATION: NOT APPLICABLE (PIN AND PG).
S
SPECIAL PROVISIONS FOR TRANSPORT: NOT APPLICABLE.

===== Regulatory Information =====

SARA Title III Information: NO DATA PROVIDED BY MFR MSDS.
Federal Regulatory Information: TSCA: ON THE TSCA LIST. SODIUM BICARBONATE. OTHER REGULATIONS: OSHA: HAZARDOUS BY DEFINITION OF HAZARDOUS COMMUNICATION STANDARD (29 CFR 1910.1200).
State Regulatory Information: WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER. CHEMICAL

INGREDIENT(S) REQUIRING THIS WARNING: NONE. WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM. CHEMICAL INGREDIENT(S) REQUIRING THIS WARNING: NONE. CALIFORNIA PROP 65: NOT LISTED.

===== Other Information =====

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. T

he United States of America in no manner whatsoever, expressly or implied, warrants 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.