

SPECTRUM CHEMICAL MANUFACTURING CORP. -- BORAX; SODIUM BORATE DECAHYDRATE --
6810-00-264-9055

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

Product ID: BORAX; SODIUM BORATE DECAHYDRATE

MSDS Date: 01/01/1991

FSC: 6810

NIIN: 00-264-9055

MSDS Number: BDRCM

=== 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: 213-516-8000

Emergency Phone Num: 213-516-8000

Preparer's Name: C. A. EISENHARD

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: 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 TETRABORATE, DECAHYDRATE

CAS:1303-96-4

RTECS #:VZ2275000

Fraction by Wt: >99%

OSHA PEL:10 MG/M3

ACGIH TLV:5 MG/M3; 9192

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:IRRITANT TO EYES,SKIN & MUCOUS

MEMBRANE. POISONING MAY AFFECT CNS,GASTROINTESTINAL SYS,LIVER & KIDNEYS.

Effects of Overexposure:INHAL-IRRIT TO MUCOUS MEMBRANES. SKIN-IRRITANT.

PROLONGED ABSORP MAY CAUSE ANOREXIA,WT LOSS,VOMIT,RASH,ANEMIA. EYE-IRRIT CONJUNCTIVITIS,EDEMA. INGEST-NAUSEA,VOMIT,BLOODY DIARRHEA,EPIGASTRIC PAIN FOLLO WED BY WEAKNESS,ANOREXIA,LETHARGY,TREMORS EVENTUAL CNS DEPRESSION.

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

First Aid:EYES/SKIN:FLUSH WITH WATER FOR 15 MINUTES. INHALATION:REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NEEDED.

INGESTION:INDUCE VOMITING BY IPECAC EM

ESIS FOLLOWED BY ACTIVATED

CHARCOAL. GASTRIC LAV AGE MAY BE PERFORMED BY QUALIFIED MEDICAL PERSONNEL. SEEK MEDICAL ATTENTION.

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

Flash Point:NONE

Extinguishing Media:DRY CHEMICAL,CARBON DIOXIDE,WATER SPRAY,ALCOHOL FOAM.

Fire Fighting Procedures:NO ACUTE HAZARD. MOVE CONTNR FM FIRE AREA IF POSS. AVOID BREATH VAPORS OR DUST. KEEP UNWIND.

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

Spill Re

lease Procedures:NO SPECIAL PRECAUTIONS. RESIDUE SHOULD BE
CLEANED UP USING A HIGH-EFFICIENCY PARTICULATE FILTER VACCUM.

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Handling and Storage
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Handling and Storage Precautions:STORE IN COOL & DRY AREA.DO NOT
BREATHE VAPORS.MIST.
Other Precautions:NOT GIVEN

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Exposure Controls/Personal Protection
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Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR DUST/MIST
IF ABOVE TLV/PEL.

Ventilation:LOCAL EXHAU
ST &/OR GEN DILUTION VENT TO MEET PUBLISHED
EXPOS LIMITS.

Protective Gloves:ADEQUATE TO PREVENT CONTACT

Eye Protection:SPLASH-PROOF OR DUST-RESIST SAF GOGGLES

Other Protective Equipment:IMPERVIOUS CLOTH TO PREVENT SKIN CONTACT

Work Hygienic Practices:AVOID CONTACT WITH SKIN & EYES.DO NOT BREATHE
DUST.

Supplemental Safety and Health

STORE IN COOL, DRY AREA. MATERIAL IS EFFLORESCENT IN DRY AIR. KEEP
CONTAINER TIGHTLY CLOSED.

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Physical/Chemical Properties
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HCC:N1

Boiling Pt:B.P. Text:2967F (DEC)

Melt/Freeze Pt:M.P/F.P Text:167F/75C

Spec Gravity:1.73

pH:9-9.2

Solubility in Water:5.92%

Appearance and Odor:ODORLESS,WHITE POWDER OR COLORLESS,MONOCLINIC
CRYSTALS

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES

Hazardous Decomposition Products:MAY RELEASE SODIUM OXIDE WHICH CAN
REACT W/WATER OR STEAM.

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Disposal Considerations
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Wa

ste Disposal Methods:DISPOSAL MUST BE IN ACCORDANCE WITH LOCAL,STATE
& FEDERAL REGULATIONS.

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