

SPECTRUM CHEMICAL MANUFACTURING CORP. -- BORIC ACID -- 6810-00-153-0191

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

Product ID: BORIC ACID

MSDS Date: 04/01/1992

FSC: 6810

NIIN: 00-153-0191

MSDS Number: BDCVV

=== 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: 714-864-2310/213-516-8000

E

Emergency Phone Num: 714-864-2310/213-516-8000

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: LOS ANGELES CHEMICAL CO

Address: 4545 ARDINE ST

Box: 1987

City: SOUTH GATE

State: CA

ZIP: 90280

Country: US

Phone: 213-562-9500

CAGE: 75656

Company Name: SPECTRUM LABORATORY PRODUCTS INC

Address: 14422 S SAN PEDRO ST

Box: City: GARDENA

State: CA

ZIP: 9

0248-2027
Country:US
Phone:310-516-8000/FAX: 310-516-9843
CAGE:63415

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

Ingred Name:BORIC ACID
CAS:10043-35-3
RTECS #:ED4550000
Fraction by Wt: 100.0%

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

LD50 LC50 Mixture:LD50 ORAL RAT IS 2660 MG/KG
Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: BORIC ACID IS A S
KIN AND MUCOUS

MEMBRANE IRRITANT, A NEPHROTOXIN, AND A CENTRAL NERVOUS SYSTEM
DEPRESSANT. POISONING MAY AFFECT THE GASTROINTESTINAL SYSTEM AND
CIRCULATORY SYSTEM. RENAL FAILURE MAY ALSO OCCUR. CHRONIC:
DERMATITIS. CENTRAL NERVOUS SYSTEM EFFECTS. POISONING.

Effects of Overexposure:EYES: NON-IRRITATING. SKIN: IRRITATION. DEATH
HAVE OCCURRED BY SKIN ABSORPTION IF SKIN IS DAMAGED. INHALATION:
SORE THROAT, COUGH, VISUAL DISTURBANCES, CONVULSION, DEPRESSION,
SHOCK, DEATH.

INGESTION: NAUSEA, BLOODY DIARRHEA, STOMACH

PAIN,VISUAL DISTURBANCES, CONVULSION, DEPRESSION, SHOCK, DEATH.

Medical Cond Aggravated by Exposure:PRE-EXISTING CONDITIONS MAY WORSEN.

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

First Aid:EYES:FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES.SEE
DOCTOR. SKIN:WASH WITH SOAP AND PLENTY OF WATER WHILE REMOVING
CONTAMINATED CLOTHING AND SHOES.SEE DOCTOR. INHALATION:REMOVE TO
FRESH AIR.IF NOT BREATHING,GIVE A

RTIFICIAL RESPIRATION.IF

BREATHING IS DIFFICULT,GIVE OXYGEN.SEE DOCTOR. INGESTION:INDUCE
VOMITING WITH IPECAC,FOLLOWED BY CHARCOAL.GET MEDICAL ATTENTION
IMMEDIATELY.

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

Flash Point:NONE

Extinguishing Media:DRY CHEMCAL, CARBON DIOXIDE, HALON, WATER SPRAY OR
STANDARD FOAM.

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED RESPIRATOR/SCBA IN AN
ENCLOSED AREA.

Unusual Fire/Explosion Hazard:NEGLIGIBLE HAZARDS

====

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

Spill Release Procedures:SWEEP UP AND PLACE IN SUITABLE FIBERBOARD CONTAINER FOR RECLAMATION OR DISPOSAL.

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

Handling and Storage Precautions:COOL, DRY AREA.
Other Precautions:NONE

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR DUST/MIST IF THERE IS NO OR POOR VENTILATION.

V

entilation:LOCAL EXHAUST/MECHANICAL TO MAINTAIN AN ADEQUATE VENTILATION.

Protective Gloves:RUBBER

Eye Protection:SAFETY GLASSES/GOGGLES

Other Protective Equipment:APRON,BOOTS, AND FACE & HEAD PROTECTION IF WORKING W/SOLNS.

Work Hygienic Practices:AVOID CONTACT WITH SKIN AND EYES;DO NOT BREATHE DUST OR TAKE INTERNALLY.

Supplemental Safety and Health
NONE

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

HCC:N1

Melt/Freeze Pt:M.P/F.P Text:340F,171C

Decomp Temp:Deco

mp Text:340F,171C

Spec Gravity:1.435

pH:5,0.1M

Solubility in Water:6.35% @ 30C

Appearance and Odor:ODORLESS,COLORLESS,CRYSTALS,WHITE GRANULAR POWDER

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

Stability Indicator/Materials to Avoid:YES

ACETIC ANHYDRIDE,POTASSIUM AND IRON

Stability Condition to Avoid:EXTREME HEAT

Hazardous Decomposition Products:METABORIC ACID, PYROBORIC ACID, BORIC ANHYDRIDE.

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

Wast

e Disposal Methods:USE COMMRCIAL CHEMICAL DUMP./DISPOSE OF IAW
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, 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.