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FISHER SCIENTIFIC, CHEMICAL DIV. -- SODIUM BORATE DECAHYDRATE -- 6810-00-234-8369

Product ID:SODIUM BORATE DECAHYDRATE

MSDS Date:06/10/1995

FSC:6810

NIIN:00-234-8369

MSDS Number: BMBTM === Responsible Party ===

Company Name: FISHER SCIENTIFIC, CHEMICAL DIV.

Address:1 REAGENT LANE

City:FAIR LAWN

State:NJ ZIP:07410 Country:US

Info Phone Num:201-796-7100

Emergency P

hone Num:201-796-7100/800-424-9300(CHEMTREC)

CAGE:1B464

=== Contractor Identification ===

Company Name: FISHER SCIENTIFIC CO

Address:2000 PARK LN Box:City:PITTSBURGH

State:PA ZIP:15275 Country:US

Phone:412-490-8586

CAGE:22527

Company Name: FISHER SCIENTIFIC CO. CHEMICAL MFG DIV

Address:1 REAGENT LANE

Box:City:FAIRLAWN

State:NJ

ZIP:07410-2802 Country:US

Phone:201-796-7100

CAGE:1B464

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

Ingred Name:SODIUM TETRABORATE, DECAHYDRATE

С

AS:1303-96-4 RTECS #:VZ2275000 Fraction by Wt: 100%

Other REC Limits: NONE RECOMMENDED

OSHA PEL:10 MG/M3 ACGIH TLV:5 MG/M3; 9596

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

LD50 LC50 Mixture:ORAL LD50 (MS) IS 2G/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:**IRRITANT,NARCOTIC,TOXIC TO THE LIVER** EYES:IRRITATION.SKIN:MAY BE ABSORBED THROUGH DAMAGED SKIN

CAUSING S

YSTEMIC EFFECTS.IRRITATION.INGEST:GI TRACT IRRITATION.SEE SYSTEMIC EFFECTS BELOW.INHAL:MAY C AUSE RESPIRATORY IRRITATION.CHRONIC:BRONCHITIS,LARYNGITIS,DERMATITIS,CONJUNCTIVITIS. MAY DAMAGE LIVER AND KIDNEYS.

Explanation of Carcinogenicity: THERE ARE NO INGREDIENTS ABOVE 0.1% WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP, IARC OR OSHA.

Effects of Overexposure:SYSTEMIC EFFECTS:MALAISE,NAUSEA,SEVERE EPIGASTRIC PAIN,HEMORRAGIC GASTROENTERITIS,BLOOD AND VOMITUS AND DIARRHEA,WEAKNES

S,LEATHARGY,FEVER,HEADACHE,TACHYCARDIA,TACHYPNEA,RE STLESSNESS,DELIRIUM,TREMORS,F ACIAL TWITCHING,INTERMITTENT CONVULSIONS,CNS DEPRESSION,SHOCK(COLD CLAMMY SKIN,CYANOSIS,THREADY PULSE,HYPOTENSION).

Medical Cond Aggravated by Exposure: PERSONS WITH PRE-EXISTING LIVER AND KIDNEY AILMENTS MAY BE AT INCREASED RISK FROM EXPOSURE.

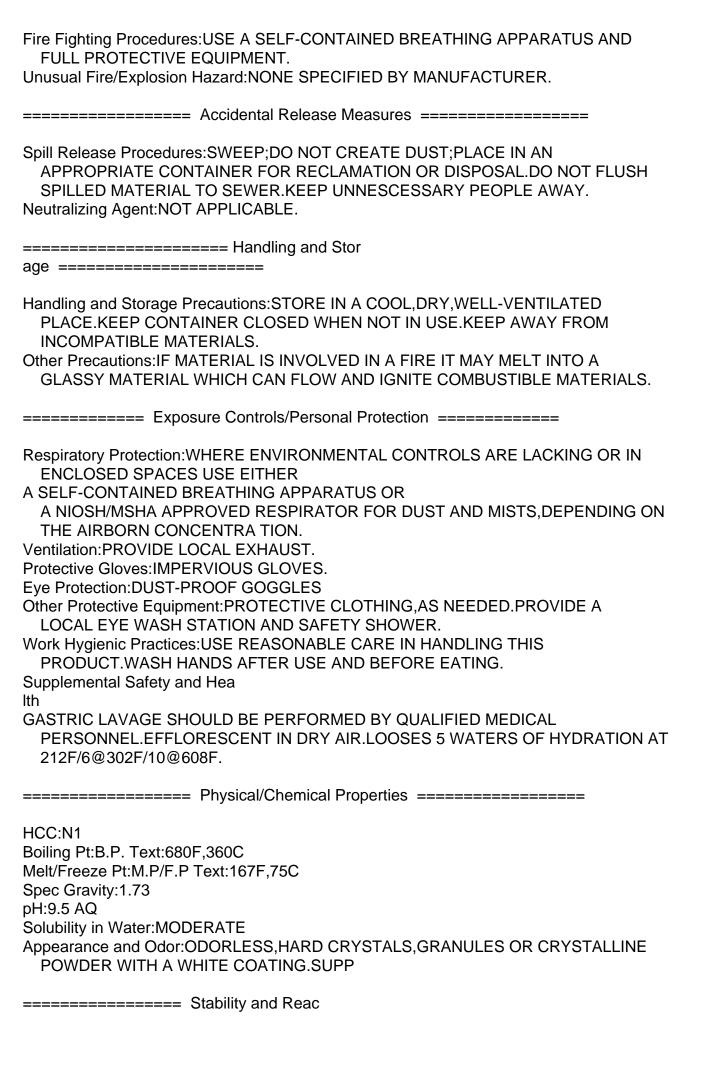
First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP OR MILD DETERGENT AND WA

TER.GET MEDICAL ATTENTION.EYES:FLUSH WITH NORMAL SALINE OR WATER FOR 15 MINUTES.GET MEDICAL IMMEDIATE ATTENTION.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.GET IMMEDIATE MEDICAL ATTENTION.INGEST:GET PROMPT QUALIFIED MEDICAL ATTENTION.IF CONSCIOUS,INDUCE VOMITING(IPECAC);FOLLOW W/ ACTIVD CHARCOAL.

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

Flash Point:NONE

Extinguishing Media: USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.



Stability Indicator/Materials to Avoid:YES
ZIRCONIUM(EXPLOSIVE REACTION WHEN HEATED).
Stability Condition to Avoid: NONE SPECIFIED BY MANUFACTURER
Hazardous Decomposition Products:SODIUM OXIDE(TOXIC).

tivity Data ========

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL REGULATIONS.

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