

MICRO ESSENTIAL LABORATORY -- HYDRION BUFFER SALTS PH 10.00 -- 6810-01-239-7563

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

Product ID:HYDRION BUFFER SALTS PH 10.00

MSDS Date:08/07/1991

FSC:6810

NIIN:01-239-7563

MSDS Number: CDZYG

=== Responsible Party ===

Company Name:MICRO ESSENTIAL LABORATORY

Address:4224 AVE H

City:BROOKLYN

State:NY

ZIP:11210-3518

Country:US

Info Phone Num:718-338-3618

Emergency Phone

Num:718-338-3618

CAGE:93255

=== Contractor Identification ===

Company Name:KAMPI COMPONENTS CO. INC

Box:UNKNOW

CAGE:7A016

Company Name:MICRO ESSENTIAL LABORATORY

Address:4224 AVENUE H

Box:10824

City:BROOKLYN

State:NY

ZIP:11210-3510

Country:US

Phone:718-338-3618/ FAX 718-692-4491

CAGE:93255

Company Name:THOMAS SCIENTIFIC COMPANY

Address:99 HIGH HILL ROAD AT I-295

Box:City:SWEDESBORO

State:NJ

ZIP:08085-0099

Country:US

Phone:856-467-2000

CAGE:59728

===== Composition/Information on Ingre

dients =====

Ingred Name:SODIUM BICARBONATE

CAS:144-55-8

RTECS #:VZ0950000

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:INHALED:MAY CAUSE IRRITATION TO NOSE & THROAT. INGESTION:CAN BE HARMFUL TO STOMACH IN LARGE DOSES.

SKIN:MAY CAUSE IRRITATION. EYES:IRRITATION & BURNS.

Explanation of Carcinogenicity:NONE ESTABLISHED

Effects of Overexposure:INHALED:MAY CAUSE IRRITATION TO NOSE & THROAT.

INGESTION:CAN BE HARMFUL TO STOMACH IN LARGE DOSES. SKIN:MAY CAUSE IRRITATION. EYES:IRRITATION & BURNS.

Medical Cond Aggravated by Exposure:MAY CAUSE SKIN OR EYE IRRITATION.

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

First Aid:INGESTION:GET MEDICAL ATTENTION. SKIN:WASH W/SOAP & WATER.

GET MEDICAL ATTENTION FOR PERSISTENT DERMATITIS. EYE:FLUSH W/PLENTY OF WATER FOR 15 MIN. GET

MEDICAL ATTENTION. INHALATION:REMOVE TO FRESH AI R. GET MEDICAL ATTENTION.

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

Flash Point:NON FLAMMABLE

Extinguishing Media:WATER

Fire Fighting Procedures:NONE

Unusual Fire/Explosion Hazard:GIVES OFF CO2 AT 50C & 100C NA2CO3

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

Spill Release Procedures:SWEEP UP & CONTAINERIZE FOR DISOPOSAL. FLUSH

SPILL AREA W/WATER & NEUTRALIZE. IF PREPARED BUFFER IS SPIL

LED,

NEUTRALIZE & WASH AREA W/COLD WATER.

Neutralizing Agent:MFR GAVE NO INFORMATION ON MSDS.

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

Handling and Storage Precautions:STORE IN TIGHT, CLOSED CONTAINER AT CONTROLLED ROOM TEMPERATURE. STORE AT ROOM TEMPERATURE AT DRY LOCATIONS.

Other Precautions:AVOID PROLONGED OR REPEATED SKIN CONTACT & WASH THOROUGHLY AFTER HANDLING.

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

Respiratory Pro

tection:NIOSH APPROVED RESPIRATOR FOR DUSTS.
Ventilation:ADEQUATE GENERAL OR FORCED VENTILATION.
Protective Gloves:NIOSH APPROVED RUBBER GLOVES
Eye Protection:SAFETY GOGGLES W/SIDE SHIELDS
Other Protective Equipment:FULL COVER CLOTHING
Work Hygienic Practices:DO NOT BREATHE DUST. DO NOT GET INTO EYES.
AVOID PROLONGED OR REPEATED SKIN CONTACT. WASH W/COLD WATER AFTER USE.

Supplemental Safety and Health
DO NOT TAKE INTERNALLY. PROTECTIVE MEASURES DURING MAINTENANCE OF CONTAMINATED EQUIPMENT:WEAR PROTECTIVE CLOTHING, SAFETY GOGGLS, GLOVES & RESPIRATOR DURING MAINTENANCE.

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

HCC:N1
NRC/State Lic Num:NONE
Melt/Freeze Pt:M.P/F.P Text:518F,270C
Spec Gravity:2.16
Solubility in Water:IN 10 PARTS WATER
Appearance and Odor:WHITE ODORLESS CRYSTALLINE OR GRANULAR POWDER
Corrosion Rate:UNKNOWNN

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

Stability Indicator/Materials to Avoid:YES
REACTS VIOL
ENTLY W/AMMONIUM PHOSPHATE MONOBASIC
Stability Condition to Avoid:CONTACT W/ACIDS RELEASE CARBON DIOXIDE GAS.
Hazardous Decomposition Products:CARBON MONOXIDE
Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:DISPOSE THROUGH APPROVED WASTE SITE OR WASTE TREATMENT PLANT. NOTE:DISPOSE I/A/W FEDERAL, STATE & LOCAL REGULATIONS.

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