

MICRO ESSENTIAL LABORATORY -- HYDRION BUFFER SALTS PH 10.00 -- 6850-01-239-7563

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Product Identification  
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Product ID:HYDRION BUFFER SALTS PH 10.00

MSDS Date:08/07/1991

FSC:6850

NIIN:01-239-7563

MSDS Number: BWNQJ

=== 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/-3619

Emergency

Phone Num:718-338-3618

CAGE:93255

=== Contractor Identification ===

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

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Composition/Information on Ingredients  
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Ingred Name:SODIUM BICARBONATE

CAS:144-55-8  
RTECS #:VZ0950000

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===== 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 IRRITA  
TION 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.

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===== 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.

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===== 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

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

Spill Release Procedures:SWEEP UP & CONTAINERIZE FOR DISOPOSAL. FLUSH  
SPILL AREA W/WATER & NEUTRALIZE. IF PREPARED BUFFER IS SPILLED,  
NEUTRALIZE & WASH AREA W/COLD WATER.  
Neutrali  
zing Agent:MFR GAVE NO INFORMATION ON MSDS.

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===== 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.

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

Respiratory Protection:NIOSH APPROVED RESPIRATOR FOR DUSTS.  
Ventilati

on: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,  
GL  
OVES & 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 VIOLENTLY W/AMMONIUM PHOSPHATE MONOBASIC  
Stability Condi  
tion 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/AW FEDERAL, STATE & LOCAL  
REGULATIONS.

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