

MICRO ESSENTIAL LABORATORY -- HYDRION BUFFER SALTS PH 9.00 THROUGH 11.00 --
6810-01-239-7563

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

Product ID:HYDRION BUFFER SALTS PH 9.00 THROUGH 11.00

MSDS Date:01/05/1998

FSC:6810

NIIN:01-239-7563

Status Code:A

MSDS Number: CJFNM

=== Responsible Party ===

Company Name:MICRO ESSENTIAL LABORATORY

Address:4224 AVE H

City:BROOKLYN

State:NY

ZIP:11210-3510

Country:US

Eme

rgency Phone Num:718-338-3618/3619

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:MICROESSENTIAL LABORATORY

Address:4224 AVENUE H

Box:City:BROOKLYN

State:NY

ZIP:11210

Country:US

Phone:718-338-3618

CAGE:NO279

Company Name:THOMAS SCIENTIFIC COMPANY

Address:99 HIGH HILL ROAD AT I-295

Box:City:SWEDESBORO

State:NJ

ZIP:0808

5-0099
Country:US
Phone:856-467-2000
Contract Num:SP045099MC942
CAGE:59728

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Composition/Information on Ingredients
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Ingred Name:SODIUM CARBONATE
CAS:497-19-8
RTECS #:VZ4050000
Other REC Limits:NONE RECOMMENDED

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Hazards Identification
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LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic
:CAN BE HARMFUL IF SWALLOWED. CHRONIC:
IRRITATING TO EYES, SKIN AND RESPIRATORY TRACT AND CAN CAUSE BURNS.
INGESTION CAN SEVERELY DAMAGE MUCOUS MEMBRANES AND CAUSE PAIN.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:INHALED-RESPIRATORY IRRITATION.
SKIN/EYES-CAUSES SKIN & EYE IRRITATION. MAY CAUSE EYE BURNS.
INGESTED-SEVERE DAMAGE TO MUCOUS MEMBRANES, PAIN, VOMITING,
DIARRHEA, CIRCULATORY COLLAPSE.
Medical Cond Aggravated by Exposure:CAN CAUSE SKIN, EYES AND
RESPIRATORY IRRITATION.

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First Aid Measures
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First Aid:GET MEDICAL ASSISTANCE FOR ALL CASES OF OVEREXPOSURE.
EYES:FLUSH WITH WATER FOR 15 MINUTES. SKIN:IMMEDIATELY FLUSH WITH
PLENTY OF WATER. INHALED:REMOVE TO FRESH AIR. GIVE ARTIFICIAL
RESPIRATION IF NECESSARY. SWALLOWED:DO NOT INDUCE VOMITING. IF
CONSCIOUS, DRINK WATER FREELY & GET MEDICAL ATTENTION.

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Fire Fighting Measures
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Flash

Point:NON-FLAMMABLE

Extinguishing Media:ANY MEDIA FOR SURROUNDING FIRE.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:NONE, BUT AT 400C STARTS TO DECOMPOSE AND LOSE CO2.

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

Spill Release Procedures:SWEEP UP MATERIAL FOR DISPOSAL OR RECOVERY. THOROUGHLY SWEEP OR WASH AREA OF SPILL TO CLEAN UP ANY RESIDUAL MATERIAL. VENTILATE AREA. NEUTRALIZE BEFORE DISPOSAL.

Neutralizi

ng Agent:WEAK ACID

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

Handling and Storage Precautions:STORE IN TIGHT CONTAINERS, IN DRY, ROOM TEMPERATURE LOCATIONS.

Other Precautions:DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. AVOID INHALATION OF DUST. KEEP OUT OF REACH OF CHILDREN. DO NOT INGEST. FOR LABORATORY USE ONLY. NOT FOR DRUG, FOOD/HOUSEHOLD USE. USE WITH ADEQUATE VENTILATION.

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

Resp

iratory Protection:NIOSH APPROVED RESPIRATOR FOR DUST.

Ventilation:LOCAL EXHAUST. FUME HOOD OR AREA WITH MECHANICAL VENTILATION.

Protective Gloves:NEOPRENE, PVC OR EQUIVALENT.

Eye Protection:WITH SIDE SHIELDS.SAFETY GLASSES

Other Protective Equipment:WEAR PROTECTIVE CLOTHING, SAFETY GLASSES, GLOVES AND APPROVED RESPIRATOR.

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH THOROUGHLY BEFORE EATING, DRINKING/SMOKING.

Supplemental Saf
ety and Health

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

HCC:B3

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:DECOMPOSES

Melt/Freeze Pt:=851.1C, #####F

Decomp Temp:=400.C, 752.F

Spec Gravity:2.53

pH:9-11

Solubility in Water:22% @ 68F/20C

Appearance and Odor:WHITE GRANULAR POWDER - ODORLESS

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

Stability Indicator/Materials to Avoid:YES

ACIDS, HOT ALUMINUM, FLUORINE, PHOSPHORUS PENTOXIDE.

Stabili

ty Condition to Avoid:EXCESSIVE HEAT (TEMPERATURES ABOVE 400C/752F), MOISTURE.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, SODIUM OXIDE (NA2O). MAY BE FORMED.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

===== Toxicological Information =====

Toxicological Information:NONE SPECIFIED BY MANUFACTURER.

===== Ecological Information =====

Ecological:NONE SPECIFIED BY MANUFACTURER.

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== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. NEUTRALIZE BEFORE DISPOSAL AND DISPOSAL OF IN AN "APPROVED" SITE.

===== MSDS Transport Information =====

Transport Information:NONE SPECIFIED BY MANUFACTURER.

===== Regulatory Information =====

SARA Title III Information:NONE SPECIFIED BY MANUFACTURER.

Federal Regulatory Informa

tion:NONE SPECIFIED BY MANUFACTURER.

State Regulatory Information:NONE SPECIFIED BY MANUFACTURER.

===== Other Information =====

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