

MICRO ESSENTIAL LABORATORY INC. -- HYDRION BUFFER SALT PH7 -- 6810-01-239-7562

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

Product ID:HYDRION BUFFER SALT PH7

MSDS Date:08/07/1991

FSC:6810

NIIN:01-239-7562

MSDS Number: BWFPR

=== Responsible Party ===

Company Name:MICRO ESSENTIAL LABORATORY INC.

Address:4224 AVENUE H

City:BROOKLYN

State:NY

ZIP:11210

Country:US

Info Phone Num:718-338-3618/9

Emergency Phone N

um:718-338-3618/9

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

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

Ingred Name:POTASSIUM PHOSPHATE, MONO

BASIC
CAS:7778-77-0
Other REC Limits:NONE RECOMMENDED

Ingrid Name:POTASSIUM PHOSPHATE, MONOBASIC (KH₂PO₄)
CAS:7778-77-0
Other REC Limits:NONE RECOMMENDED

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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:SKIN:BULK POWDER MAY CAUSE
IRRITATION.INGEST:MAY CAUSE GI TRACT IRRITATION.INHAL:MAY CAUSE
RESPIRATORY IRRITATION.

Explanat
ion of Carcinogenicity:THERE ARE NO INGREDIENTS ABOVE 0.1%
WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.
Effects of Overexposure:SKIN:ALLERGIC REACTION,DERMATITIS.
Medical Cond Aggravated by Exposure:UNLIKELY TO AGGRIVATE EXISTING
MEDICAL CONDITIONS.

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

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP AND COLD
WATER.EYES:FLUSH WITH COLD WATER FOR 15 MINUTES.INHAL:REMOVE TO
FRESH AIR.GIVE OXYG
EN OR ARTIFICIAL RESPIRATION IF
NEEDED.INGEST:GET PROMPT QU ALIFIED MEDICAL ATTENTION.IF
CONSCIOUS,INDUCE VOMITING.

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

Flash Point:NONE
Extinguishing Media:USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.
Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND
FULL PROTECTIVE EQUIPMENT.
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

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Spill Release Procedures:VENTILATE AREA.USE PROPER PROTECTIVE AND RESPIRATORY EQUIPMENT.SWEEP OR VACUUM;DO NOT CREATE DUST;PLACE IN A DRY CONTAINER FOR DISPOSAL.CLEAN SPILL AREA WITH WATER.

Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORE IN A COOL,DRY,WELL-VENTILATED PLACE.KEEP CONTAINER CLOSED WHEN NOT IN USE.AVOID MIOSTYURE CONTAMINATION.

Other Precautions:DO NOT BREATHE DUS T.FOLLOW LABEL DIRECTIONS.

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

Respiratory Protection:WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE A NIOSH/MSHA APPROVED RESPIRATOR FOR DUST.

Ventilation:LOCAL VENTILATION AT THE WORKSITE;MECHANICAL(GENERAL) VENTILATION TO MAINTAIN TLV/PEL.

Protective Gloves:NATURAL RUBBER,BUTYL OR NEOPRENE

Eye Protection:SAFETY GLASSES WITH SIDESHIELDS

Other Protective Equipment:PROTECTIVE CLOTHING FOR BULK HANDLING OPERATIONS.PROVIDE A LOCAL EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:USE REASONABLE CARE IN HANDLING THIS PRODUCT.WASH HANDS AFTER USE AND BEFORE EATING.

Supplemental Safety and Health

NOTE THERE ARE TWO FORMULATIONS FOR THIS ITEM(SAME MFR).PLEASE SEE PNIND-B.

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

HCC:N1

Melt/Freeze Pt:M.P/F.P Text:752F,400C

Spec Gravity:2.34

Solubility in Water:APPRECIABLE

Appearance and Odor:POWDER;COLORLESS;OD ORLESS

Percent Volatiles by Volume:NIL

Corrosion Rate:NIL

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

Stability Indicator/Materials to Avoid:YES NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:MOISTURE.

Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

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

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

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his information by the compiling agencies):

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