

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: BWFPS

=== 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:PHOSPHORIC ACID, DISODIUM

SALT, HYDRATE (SARA 111)

CAS:7558-79-4

Other REC Limits:NONE RECOMMENDED

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 17G/KG

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

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

Health Hazards Acute and Chronic:EYES:MAY CAUSE IRRITATION OR BURNS

CAUSE IRRITATION OR BURNSAY CAUSE GI TRACT IRRITATION.INHAL:MAY

CAUSE RESPIRATORY I

RRITATION.

Explanation of Carcinogenicity:THERE ARE NO INGREDIENTS ABOVE 0.1%

WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.

Effects of Overexposure:SKIN:DERMATITIS.INGEST:NAUSEA,VOMITING,BURNS TO

THE MOUTH.

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING EYES,SKIN

AND RESPIRATORY AILMENTS MAY BE AT INCREASED RISK FROM EXPOSURE.

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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 OXYGEN 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.COOL FIRE EXPOSED CONTAINER

S WITH WATER

FOG.

Unusual Fire/Explosion Hazard:FIRE CONDITIONS MAY EVOLVE TOXIC FUMES.

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

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.

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

Handling and Storage Precautions:ST

ORE IN A COOL, DRY, WELL-VENTILATED PLACE. KEEP CONTAINER CLOSED WHEN NOT IN USE. AVOID MOISTURE CONTAMINATION.

Other Precautions: DO NOT BREATHE DUST. 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-A.

===== Physical/Chemical Properties =

HCC: N1

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

Vapor Density: 4.9

Spec Gravity: 1.62

Solubility in Water: APPRECIABLE

Appearance and Odor: POWDER; WHITE; ODORLESS

Percent Volatiles by Volume: NIL

Corrosion Rate: NIL

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

Stability Indicator/Materials to Avoid: YES

ACIDS, ALKALOIDS, ANTIPYRINE, CHLORAL HYDRATE, LEAD ACETATE.

Stability Condition to Avoid: MOISTURE.

Hazardous Decomposition Products: OXIDES OF PHOSPHOROUS.

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

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

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