

MALLINCKRODT INC. -- PH BUFFER SOLUTION 4.01 -- 6630-01-218-0622

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Product Identification  
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Product ID:PH BUFFER SOLUTION 4.01

MSDS Date:10/22/1985

FSC:6630

NIIN:01-218-0622

MSDS Number: BGQTQ

=== Responsible Party ===

Company Name:MALLINCKRODT INC.

Address:PARIS BYPASS

Box:M

City:PARIS

State:KY

ZIP:40361

CAGE:62910

=== Contractor Identification ===

Company Name:MALLINCKRODT SPECIALTY CHE

MICALS CO

Address:222 RED SCHOOL LANE

Box:City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Phone:908-859-2151

CAGE:62910

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Composition/Information on Ingredients  
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Ingred Name:NON-HAZARDOUS INGREDIENTS

Fraction by Wt: 100%

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Hazards Identification  
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LD50 LC50 Mixture:NONE

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO

Health Hazards Acute and Chronic:INGESTION OF LARGE DOSES MAY CAUSE  
STOMACH UPSET. MAY CAUSE IRRITA

TION WHEN SPLASHED ON EYES.

Effects of Overexposure:MAY CAUSE SLIGHT IRRITATION.

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First Aid Measures  
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First Aid:ING:IF LARGE AMOUNTS WERE SWALLOWED,GIVE WATER TO DRINK & GET MEDICAL ADVICE; EYE:FLUSH WITH RUNNING WATER; SKIN:WASH EXPOSED AREA WITH SOAP & WATER.

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Fire Fighting Measures  
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Extinguishing Media:USE PROPER MEDIA FOR SURROUNDING FIRE.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:NONE STATED.

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Accidental Release Measures  
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Spill Release Procedures:ABSORB LIQUID SPILLS WITH A DRY ABSORBENT. CONTAINERIZE UNUSABLE MATERIAL INCINERATE OR FOR DISPOSAL IN AN APPROVED WASTE FACILITY.

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Handling and Storage  
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Handling and Storage Precautions:KEEP IN A TIGHTLY CLOSED CONTAINER,STORE IN A COOL,DRY,VENTILATED AREA. PROTECT AGAINST PHYSICAL DAMAGE,DIRECT SUNLIGHT & FREEZING.

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Exposure Controls/Personal Protection  
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Respiratory Protection:NONE  
Ventilation:NORMAL VENTILATION.  
Protective Gloves:RECOMMENDED.  
Eye Protection:SAFETY GLASSES.  
Other Protective Equipment:NONE.  
Supplemental Safety and Health

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Physical/Chemical Properties  
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HCC:N1  
Boiling Pt:B.P. Text:212F/100C  
Melt/Freeze Pt:M.P/F.P Text:32F/0C  
Vapor Pres:LIKE WATER  
Vapor Density:LIKE WATER  
Spec Gravity:1  
Evaporation Rate

& Reference:LIKE WATER  
Solubility in Water:COMPLETE  
Appearance and Odor:CLEAR SOLUTION,ODORLESS.

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

Stability Indicator/Materials to Avoid:YES  
NITRIC ACID.  
Stability Condition to Avoid:NONE  
Hazardous Decomposition Products:NONE

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

Waste Disposal Methods:ENSURE COMPLIANCE WITH LOCAL,STATE & FEDERAL  
REGULATIONS.

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