

MATERIAL SAFETY DATA SHEET

EC-BU-4BX (pH 4.00 Buffer Tablet)

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SITE SPECIFIC INFORMATION

No site specific information.

PRODUCT IDENTIFICATION

Product Name:	pH 4.00 Buffer Tablet
Common Synonyms:	Nil
Chemical Family:	Organic Compounds
Formula:	Complex
Formula Weight:	NA
CAS No:	877-24-7
CAS No:	9004-34-6
Product Use:	Laboratory and Industrial Reagent
Eutech SAF-T-Data System:	Health = 0, Flammability = 0, Reactivity = 0 , Contact = 0

SAFETY

For laboratory and industrial use only. Not for internal consumption. Avoid contact with eyes and skin

Component A: Potassium Hydrogen Phthalate	
CAS NO:	8877-24-7
WEIGHT:	NE
LD50(mg/kg) oral-rat	>3200
Component B: Cellulose	
CAS NO:	9004-34-6
WEIGHT:	NE
LD50(mg/kg) oral-rat	>5000
LD50(mg/kg) Dermal-rabbit	>2000

PHYSICAL DATA

Appearance & Odor:	Pink & Odorless
Physical State:	Tablets
Boiling Point:	NA
Vapour Pressure (mmHg):	NA

Melting Point:	NA
Vapour Density (T=0 °C):	NA
Specific Gravity:	1
% Volatiles by Volume:	0
Solubility:	Partly soluble
pH:	4.00
Odor Threshold (ppm):	NA
Coefficient Water/Oil Distribution:	1
Evaporation Rate:	NA

FIRE AND EXPLOSION DATA

Flash Point (Close Cup):	NA
Auto ignition Temperature:	340°C
Flammable Limits:	Upper, NA Lower, NA
Fire Extinguishing Media:	Use fire fighting measures that suit the environment
Unusual Fire and Explosion Hazards:	None
Toxic Gases produced:	None
Explosion data-sensitivity to mechanical impact:	None identified.
Explosion data-sensitivity to static discharge:	None identified.

HEALTH HAZARD DATA

Threshold limit value (TLV/TWVA):	Not established.
Toxicity of Components:	Not established
Carcinogenicity:	None identified.
Reproductive effects:	None identified.
Effects of overexposure:	
Inhalation:	None
Skin contact:	None
Eye contact:	Irritant effect
Skin absorption:	None
Ingestion:	Ingestion of large quantities may cause gastro-intestinal irritation, nausea, vomiting, diarrhea
Chronic effects:	Not identified.
Target organs:	None
Medical condition aggravated by exposure:	Nil
Primary routes of entry:	Nil

EMERGENCY AND FIRST-AID PROCEDURES

Ingestion :	If swallowed and the person is conscious, flush out stomach and seek medical attention
Inhalation:	Supply fresh air; consult doctor in case of symptoms (mucous membrane irritation)
Skin contact:	Instantly wash with water and soap and rinse thoroughly
Eye contact:	Rinse opened eye for several minutes under running water
Acute:	Drink copious of water, induce vomiting. Incase of persistent symptoms consult doctor(general feeling of sickness)
Chronic:	No
Flammability:	No
Pressure:	No

Reactivity:	Nil.
Extremely hazardous substance:	No
Toxic chemicals:	None
TSCA Inventory:	No

REACTIVITY DATA

Stability:	Stable
Condition to avoid:	Humidity
Incompatibles:	Nil
Decomposition products:	Nil
Hazardous polymerization:	Will not occur

SPILL AND DISPOSAL PROCEDURES

Steps to be taken in the events of a spill or discharge:	Wash away with water.
Disposal procedure:	Dispose in accordance with all applicable federal, state and local environmental regulations.
Ventilation:	None
Respiratory protection:	None
Eye/Skin protection:	Wear safety glasses / Nitrile hand gloves

STORAGE AND HANDLING PRECAUTIONS

SAF-T-Data*Storage colour code:	Orange.
Storage requirements:	Store in cool locations. Away from humidity, water & light

TRANSPORTATION DATA AND ADDITIONAL INFORMATION

Domestic (D.O.T.)

Proper shipping name:	Chemicals, N.O.S. (non-regulated)
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International (I.M.O.)

Proper shipping name:	Chemicals, N.O.S. (non-regulated)
Marine pollutants:	Chemicals, N.O.S. (non-regulated)

Air (I.C.A.O.)

Proper shipping name:	Chemicals, N.O.S. (non-regulated)
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