

MATERIAL SAFETY DATA SHEET**WR 8244****PRODUCT INFORMATION**

Product Name:	WR 8244
General/Generic Name:	BUFFER SOLUTION pH 4.0
Product Use:	LABORATORY REAGENT
TDG Hazard Classification	NOT REGULATED LIMITED QUANTITY
WHMIS Classification:	D, 2B
Vendor Name & Address:	HOOD CHEMICAL 295 ALLIANCE ROAD #14 MILTON ON L9T 4W8 TEL: 905-876-0707

HAZARDOUS INGREDIENTS

Ingredient	%W/W	TLV	CAS. NO.	LD50	LC50
POTASSIUM HYDROGEN PETHALATE	1.2	NE	877-24-7	3.2/kg	ND

PHYSICAL DATA

Physical State:	LIQUID
Appearance & Odour:	COLOURLESS OR RED LIQUID, ODOURLESS
Odour Threshold:	ND
Specific Gravity:	1.0
Vapor Pressure:	14 mm Hg – LIKE WATER
Vapor Density:	0.7 (AIR = 1)
Evaporation Rate:	>1 (N-BUTYL ACETATE-1)
Initial Boiling Point:	100°C
pH:	4.0
Water Solubility:	SOLUBLE
Freezing Point	0°C

FIRE OR EXPLOSION HAZARD

Flash Point:	NA
Flammable Limits:	NA
Auto-Ignition Temp:	NA
Extinguishing Media:	AS FOR SURROUNDING FIRE
Special Firefighting Procedure:	HIGH HEAT MAY CAUSE CONTAINERS TO EXPLODE
Explosion Data:	NA
Hazardous Combustion Products:	NA

REACTIVITY DATA

Stability:	STABLE
Incompatibility:	NONE THAT CAUSE HAZARDS
Hazardous Decomposition Products:	ND
Hazardous Polymerization:	WILL NOT OCCUR
Conditions to Avoid:	NONE THAT CAUSE HAZARDS

TOXICOLOGICAL PROPERTIES	
Threshold Limit Value:	NE
Effects of Acute Exposure:	NONE KNOWN TO MANUFACTURER
Skin Contact:	DEFATTING
Skin Absorption:	NONE
Eye Contact:	MAY CAUSE IRRITATION
Inhalation:	IRRITATION TO MUCOUS MEMBRANES
Ingestion:	G.I. TRACT IRRITATION
Effect of Chronic Exposure:	ND
Irritancy of Product:	MAY CAUSE IRRITATION TO SKIN & EYES
Carcinogenicity:	ND
Sensitization to Material:	ND
Reproduction Toxicity	ND
Teratogenicity:	ND
Mutagenicity:	ND

PREVENTIVE MEASURES

Protective Equipment To Be Used: PREVENT CONTACT TO SKIN AND EYES

Respiratory Protection: NONE REQUIRED USUALLY

Ventilation: NORMAL AIR FLOW

Protective Gloves: RECOMMENDED

Eye Protection: SAFETY GLASSES AND/OR SHIELDS

Other Protective Measures: NONE

SPILL OR LEAK PROCEDURES:

Steps To Be Taken In Case Material Is Released or Spilled: CONTAIN SPILL, ABSORB ONTO INERT MATERIAL

Waste Disposal Information:

DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, PROVINCIAL AND FEDERAL GOVERNMENT REGULATIONS

Handling and Storage Conditions:

KEEP CONTAINERS UPRIGHT IN A COOL, DRY PLACE; KEEP CONTAINERS CLOSED WHEN NOT IN USE.

FIRST AID MEASURES

Skin Contact:	WASH WITH SOAP AND WATER
Eye Contact:	RINSE THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS CONSULT PHYSICIAN.
Inhalation:	REMOVE TO FRESH AIR
Ingestion	DO NOT INDUCE VOMITING. DRINK LARGE QUANTITIES OF FLUIDS TO DILUTE. CONSULT PHYSICIAN.

PREPARATION INFORMATION

Prepared by: LAB PERSONNEL

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