

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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