

MATERIAL SAFETY DATA SHEET**WR 8245****PRODUCT INFORMATION**

Product Name: WR 8245
General/Generic Name: BUFFER SOLUTION pH 7.0
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
SILVER NITRATE	0.1-1.0	0.01mg/m ³	7761-88-8	50mg/kg (oral, mouse)	ND

PHYSICAL DATA

Physical State: LIQUID
Appearance & Odour: COLOURLESS AND ODOURLESS
Odour Threshold: ND
Specific Gravity: 1.0
Vapor Pressure: ND
Vapor Density: ND
Evaporation Rate: ND
Initial Boiling Point: 100°C
pH: 7.0
Water Solubility: SOLUBLE
Freezing Point: 0°C

FIRE OR EXPLOSION HAZARD

Flash Point: NONE
Flammable Limits: NONE
Auto-Ignition Temp: NONE
Extinguishing Media: AS FOR SURROUNDING FIRE
Special Firefighting Procedure: CONTAINERS MAY EXPLODE IF HEATED
Explosion Data: NONE APPLICABLE
Hazardous Combustion Products: NONE

REACTIVITY DATA

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

TOXICOLOGICAL PROPERTIES

Threshold Limit Value:	0.01mg/m ³
Effects of Acute Exposure:	NONE KNOWN TO MANUFACTURER
Skin Contact:	IRRITATION
Skin Absorption:	MAY CAUSE BLACKENING OF SKIN
Eye Contact:	IRRITATION
Inhalation:	IRRITATION TO RESPIRATORY TRACT
Ingestion:	G.I. TRACT IRRITATION
Effect of Chronic Exposure:	ND
Irritancy of Product:	IRRITANT
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
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

FIRST AID MEASURES

Skin Contact:	WASH WITH SOAP AND WATER
Eye Contact:	RINSE EYES THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS SEEK MEDICAL ATTENTION.
Inhalation:	MOVE 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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