

MATERIAL SAFETY DATA SHEET

PRODUCT INFORMATION

Product Name: WR8295 MOLYBDENUM REAGENT 3
General/Generic Name: MOLYBDENUM REAGENT 3
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
905-876-0707

HAZARDOUS INGREDIENTS

Ingredient	%W/W	TLV	CAS. NO.	LD50	LC50
THIOGLYCOLIC ACID	10-30	ND	68-11-1	250mg/ Kg (Rat)	ND
AMMONIUM THIOGLYCOLATE	3-7	ND	5421-46-5	ND	ND
ACETIC ACID	15-40	15ppm	64-19-7	3310mg/kg	(Rat)

PHYSICAL DATA

Physical State: LIQUID
Appearance & Odour: CLEAR COLOURLESS, LIQUID, THIOGLYCOLATE ODOUR
Odour Threshold: NA
Specific Gravity: 1.2
Vapour Pressure: ND
Vapour Density: ND
Evaporation Rate: ND
Initial Boiling Point: DECOMPOSES 290°C
pH: 3.5
Water Solubility: SOLUBLE
Freezing Point: 0°C

FIRE OR EXPLOSION HAZARD

Flash Point: 177°C (COC)
Flammable Limits: NA
Auto-Ignition Temp: 370°C
Extinguishing Medial: CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER
Special Firefighting Procedure: HIGH HEAT MAY CAUSE CONTAINERS TO EXPLODE
Explosion Data: NONE REPORTED
Hazardous Combustion Products: MAY EMIT FUMES OF HYDROGEN SULFIDE, AMMONIA, AND OXIDES OF NITROGEN AND SULFUR.

REACTIVITY DATA

Stability: STABLE AT NORMAL TEMPERATURES
Incompatibility: AVOID CONTACT WITH ACIDS
Hazardous Decomposition Products: MAY EMIT FUMES OF HYDROGEN SULFIDE, AMMONIA AND OXIDES OF NITROGEN AND SULFUR.
Hazardous Polymerization: WILL NOT OCCUR
Conditions to Avoid: AVOID CONTACT WITH ACIDS AND ACID FUMES

TOXICOLOGICAL PROPERTIES

Threshold Limit Value: ND
Effects of Acute Exposure: MAY CAUSE EYE BURNS, SKIN AND RESPIRATORY TRACT IRRITATION AND SKIN ALLERGIC REACTIONS
Skin Contact: IRRITATION AND ALLERGIC REACTIONS
Skin Absorption: NONE

TOXICOLOGICAL PROPERTIES (continued)

Eye Contact:	CORROSIVE – CAUSES EYE BURNS
Inhalation:	IRRITATION TO MUCOUS MEMBRANES
Ingestion:	G.I. TRACT IRRITATION
Effect of Chronic Exposure:	AS FOR ACUTE EXPOSURE
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 AND/OR SHIELDS
Other Protective Measures:	NONE

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 NO INDUCE VOMITING, DRINK LARGE QUANTITIES OF FLUID TO DILUTE, CONSULT PHYSICIAN

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 & Storage Conditions:	KEEP CONTAINERS UPRIGHT IN A COOL, DRY PLACE; KEEP CONTAINERS CLOSED WHEN NOT IN USE.

PREPARATION INFORMATION

Date Revised:	January 2016	NA	Not Applicable
Prepared By:	Lab Personnel	ND	No Data Available
Phone:	905-876-0707	NE	None Established
		NR	Not Regulated

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