

MATERIAL SAFETY DATA SHEET

PRODUCT INFORMATION

Product Name: WR8263
General Generic Name: THORIUM NITRITE 0.0005 M
Product Use: LABORATORY REAGENT
TDG Hazard Classification: NOT REGULATED LIMITED QUANTITY
WMIS Classification: D; 2B

Vendor Name and Address: HOOD CHEMICAL
295 ALLIANCE ROAD #14
MILTON ON L9T 4W8
905-876-0707

HAZARDOUS INGREDIENTS

| Ingredient | %W/W | TLV | CAS. NO. | LD50 | LC50 |
|-----------------|------|-----|------------|------|------|
| THORIUM NITRATE | <0.1 | NA | 13823-29-5 | ND | ND |

PHYSICAL DATA

Physical Data: LIQUID
Appearance & Odour: COLOURLESS, NO ODOUR
Odour Threshold: ND
Specific Gravity: 1.0
Vapour Pressure: NA
Vapour Density: NA
Evaporation Rate: SAME AS WATER
Initial Boiling Point: 100°C
pH: 3.0
Water Solubility: COMPLETE
Freezing Point: 0°C

FIRE OR EXPLOSION HAZARD

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

REACTIVITY DATA

Stability: STABLE
Incompatibility: NONE THAT CAUSE HAZARDS
Hazardous Decomposition Products: NONE
Hazardous Polymerization: NONE
Conditions To Avoid: NONE THAT CAUSE HAZARDS

TOXICOLOGICAL PROPERTIES

| | |
|-----------------------------|---------------------------------|
| Threshold Limit Value: | NA |
| Effects of Acute Exposure: | DRY SKIN |
| Skin Contact: | MILD IRRITANT |
| Skin Absorption: | NONE |
| Eye Contact: | TRANSIENT IRRITATION |
| Inhalation: | IRRITATION TO MUCOUS MEMBRANES |
| Ingestion: | NONE |
| Effect of Chronic Exposure: | NONE |
| Irritancy of Product: | MILD IRRITANT TO SKIN AND EYES |
| Carcinogenicity: | ND |
| Sensitization to Material: | NONE |
| Reproduction Toxicity: | ND |
| Teratogenicity: | ND |
| Mutagenicity: | ND |
| Activity: | 0.000022 MICROCURIES/g SOLUTION |

PREVENTIVE MEASURES

| | |
|----------------------------------|-----------------------|
| Protective Equipment To Be Used: | USUALLY NONE REQUIRED |
| Respiratory Protection: | IF ATOMIZATION OCCURS |
| Ventilation: | NORMAL AIR FLOW |
| Protective Gloves: | RECOMMENDED |
| Eye Protection: | SAFETY GLASSES |
| Other Protective Measures: | APRONS |

SPILL or LEAK PROCEDURES

| | |
|--|---|
| Steps To Be Taken In Case Material Is Released or Spilled: | CONTAIN SPILL, ABSORB ONTO INERT MATERIAL |
| <u>Waste Disposal Information:</u> | DISPOSE OF IN ACCORDANCE WITH ALL LOCAL PROVINCIAL AND FEDERAL GOVERNMENT RULES |
| <u>Handling and Storage Conditions:</u> | 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: | DRINK PLENTY OF WATER INDUCE VOMITING |

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 |