



Hazardous Combustion Products: SOx, CuOx  
Explosion data - sensitivity to mechanical impact: No  
- sensitivity to static discharge: No

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Section V Reactivity Data

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Conditions of instability: Sensitive to heat and air

Incompatibilities: Reducing agents, hydroxylamine, magnesium, powdered metals  
Conditions of reactivity: Normally stable

Hazardous decomposition products: CuO, SOx

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Section VI Toxicological Properties / Health Hazard Data

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- skin contact: Irritates
  - skin absorption: No information available
  - eye contact: Irritates
  - inhalation: Irritates
- ingestion: Toxic

LD50: 300 mg/kg (orl-rat)

Exposure Limits: TLV: 1 mg/m<sup>3</sup> as Copper

Effects of Acute Exposure: This product irritates all tissues on contact. It may cause skin discolouration or ulceration. Ingestion may cause vomiting, cramps, dizziness, weakness, convulsion, shock, paralysis, coma or death. Eye contact may result in conjunctivitis, ulcerations or corneal clouding.

Effects of Chronic Exposure: Prolonged or repeated overexposure to this product may result in dermatitis, skin discolouration, ulceration or perforation of the nasal septum, kidney, liver or central nervous system damage, runny nose or atrophy of mucous membranes.

Irritancy: No experimental information available

Sensitization to Product: No information available

Carcinogenicity: No information available

Reproductive Toxicity: No information available

Teratogenicity: No information available

Mutagenicity: May cause mutagenic effects, references cited: RTECS# GL8900000

Toxicologically Synergistic Products: None found

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Section VII First aid measures

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Skin: Flush the contact area with lukewarm running water for at least 15

minutes. Remove contaminated clothing, taking care not to spread the chemical.  
If contamination is extensive, remove clothing under running water. Discard or  
decontaminate clothing under running water. Discard or decontaminate clothing  
before use. Unless contact has been slight, seek medical attention. Seek  
medical attention if irritation persists.

Eye: Flush the contaminated eye(s) for at least 15 minutes with lukewarm  
running water, holding the eyelids open. Take care not to rinse contaminated  
water into the non-affected eye. Always seek medical attention for accidents  
Inhalation: Take proper precautions to ensure your own safety before  
attempting rescue. Remove source of contamination or move victim to fresh  
air. If breathing has stopped, trained personnel should begin artificial  
respiration, or if the heart has stopped, cardiopulmonary resuscitation (CPR)  
immediately. Seek medical attention.

Ingestion: Never give anything by mouth if victim is rapidly losing  
consciousness, or is unconscious or convulsing. Rinse mouth thoroughly with  
water. If conscious induce vomiting. Have victim drink 200-400 ml of water to  
dilute. If breathing has stopped, trained personnel should begin artificial  
respiration, or if the heart has stopped, cardiopulmonary resuscitation (CPR)  
immediately. Seek medical attention.

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#### Section VIII Preventive Measures

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Engineering Controls: Engineering control methods to reduce hazardous  
exposures are preferred. Methods include control of process conditions, and  
process modification. Administrative controls and personal protective  
equipment:

- gloves: Rubber, plastic
- respiratory protection: Fumehood as appropriate
- eye protection: Chemical safety goggles or face shield
- clothing: Plastic apron, sleeves and boots as appropriate

Storage Requirements: Store in suitable labelled containers. Keep containers  
tightly closed when not in use and when empty. Protect from damage. Store in  
a dry place. Store away from incompatible materials.

Handling Procedures and Equipment: Follow routine safe handling procedures.

Leak or Spill Clean-up: Before dealing with spillages take necessary  
protective measures, inform others to keep at a safe distance and, for  
flammable materials, shut off all possible sources of ignition. Transfer  
carefully into container and arrange removal by disposal company. Wash site  
of spillage thoroughly with water and detergent.

Disposal: Follow all federal, provincial and local regulations for disposal.  
Use only licensed disposal and waste hauling companies. Disposal of small  
amounts of spilled material may be handled as described under "Leak or Spill  
Cleanup". Large spills must be dealt with separately and must be handled by  
qualified disposal companies.

Special Shipping Information: Follow all TDG regulations and see  
classification in Section I

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Section IX Preparation Information

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Prepared by: Technical Affairs Department, BDH Inc.,  
Toronto, Ontario

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WHMIS Classification: D1B, D2B

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