

MATERIAL SAFETY DATA SHEET

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Product.....> **MG-1310**

Section: 1 Material Identification

Chemical Family..... sulfite based aqueous solution
DOT Ship Name..... Compound, Boiler Preserving
DOT Hazard Class..... Not Regulated (ITEM 50093 SUB 2)
Date Prepared..... January 4, 2006

Section: 2 Ingredient and Hazards

CAUTION: irritation skin & eye

<u>Ingredients</u>	<u>Percent</u>	<u>Limits(TLV)</u>
sodium sulfite CAS(7757-83-7)	< 8	not established
cobalt sulfate CAS(13455-34-0)	< 1	not established

Section: 3 Physical Data

Boiling Point..... >212°F
Specific Gravity..... 1.0562
Vapor Pressure..... <17 mm Hg 68°F
Vapor Density..... 1.0 (AIR=1)
Evaporation Rate..... 1.0 (Water=1)
Measured pH (neat).... 7.2 - 7.5 su
Appearance..... water white liquid
Odor..... slight odor

Abbreviations: n/a = not applicable n/d = not determined

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Section: 4 **Fire and Explosion Data**

Flash Point, F, COC.....	not combustible
Flammable Limits.....	LEL: n/a UEL: n/a
Auto Ignition Temp....	n/a
Extinguishing Media...	water, carbon dioxide, dry or foam
Special Procedures....	use SCBA with full face shield
Unusual Fire Hazards..	none

Section: 5 **Health Hazard Data**

Threshold Limit Value..	not established
Carcinogen.....	no

*** ROUTES OF EXPOSURE *** **DERMAL**

Eye Contact.....	prolonged contact may cause slight irritation. Flush promptly.
Skin Contact.....	may cause irritation.
Inhalation.....	heavy mist may be irritating to mucous membranes of the nose, throat and lungs.
Oral.....	LD ₅₀ for rats 10000 mg/kg. May be irritating to the mouth, throat and gastrointestinal system.

*** EMERGENCY FIRST AID ***

Eyes.....	flush with water 15 minutes, seek medical attention.
Skin.....	flush with water 15 minutes, remove clothing.
Inhalation.....	move to fresh air
Ingestion.....	Give several glasses of milk or water. Get immediate medical attention.

Section: 6 **Reactivity Data**

Stability.....	stable
Incompatibility.....	strong oxidizing agents or acids
Decomposition Products..	none hazardous
Hazardous Polymerization	will not occur
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Section: 7 Environmental Protection Procedures

Spill..... absorb large spills onto sand or other absorbent material. Shovel into sealable containers. Flush small amounts to sewer with copious amounts of water. Do not allow contact with natural waterways.

Waste Disposal..... Dispose large quantities following proper federal, state or local regulations where applicable.

Reportable Quantities... None

TSCA Listed..... no components of this product are listed on Chemical Substances Inventory.

Section: 8 Control Measures/Special Protection

Respiratory Protection.. use with adequate ventilation.

Ventilation Recommended. provide local exhaust.

Protective Gloves..... chemical or solvent resistant material.

Eye Protection..... chemical goggles or face shield.

Other Equipment..... safety/eye wash nearby.

Work/Hygienic Practices: wash thoroughly with soap after handling.

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Section: 9 ADDITIONAL INFORMATION

<u>HMIS Rating Code: HMIS</u>	0 = minimal
	1 = slight
Health..... 1	2 = moderate
Flammability..... 0	3 = serious
Reactivity..... 0	4 = severe
Personal Protection... B	B = safety glasses, rubber gloves

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