

MATERIAL SAFETY DATA SHEETS

Milwaukee Instruments
2471 Hurt Drive
Rocky Mount, NC 27804
877-283-7837

Effective: 06/28/98
Cat. No. MA9070

Rev. A - Page 1 of 2
For assistance please contact: (508) 699-3075
Fax: (508) 699-3076
Toll Free: (877) 283-7837

SECTION I - PRODUCT IDENTIFICATION

Product Name: Zero Oxygen Solution
Chemical Name: Sodium meta-bisulfite solution
Formula: Na₂S₂O₅
Formula Weight: 190.10
CAS. Number: 7681-57-4
Chemical Family: Inorganic Salt

SECTION II - INGREDIENTS

Sodium meta-bisulfite	PCT: < 4 %	Cas No.: 7681-57-4	SARA: NA
	TLV: Not established		PEL: Not established
	Hazard: NA		
Water	PCT: < 100 %	Cas No.: NA	SARA: NA
	TLV: Not established		PEL: Not established
	Hazard: NA		

SECTION III - PHYSICAL DATA

State: Liquid	Appearance: Clear and colorless
Odor: Sulfur Dioxide	Solubility: Water: NA
Other: NA	Acid: NA
Boiling Point: > 100 C	Vapor Pressure (mm Hg): NA
Melting Point: NA	Vapor Density (air = 1): NA
Specific Gravity: 1.02	Evaporation Rate: NA
pH: NA	
Storage Precautions: Cool Place	

* NA/ND - Defined as not applicable or not defined.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: NA
NFPA Codes: Health: 1 Flammability: 0 Reactivity: 1
Toxic Gases Produced: None
Fire Extinguishing Media: NA

SECTION V - HEALTH HAZARD DATA

Threshold Limit Value (TLV/TWA): Sodium meta-bisulfite-5mg/m³
Toxicity: LD₅₀ (oral-rat): NA
This product: May irritate eyes, skin and respiratory tract. May cause allergic reaction.
Acute Toxicity: NA
Route of Exposure: NA
Target Organs: NA

Chronic Toxicity: ND
Routes of Exposure: NA
Target Organs: ND

Cancer Information: NA
Routes of Exposure: NA
Target Organs: NA

Overexposure: May irritate eyes, skin and respiratory tract. May cause allergic reaction.
Medical conditions aggravated by exposure: None reported.

SECTION VI - PRECAUTIONARY MEASURES

Avoid contact with eyes, skin and clothing.
Wash thoroughly after handling.
Protective equipment: rubber gloves and safety glasses.

SECTION VII - FIRST AID

CALL FOR MEDICAL ASSISTANCE IMMEDIATELY.

If eye contact: Flush with plenty of for at least 15 minutes. Get medical help.

If skin contact: Wash exposed area with soap and water. Get medical help if irritation persists.

Ingestion: Give two glasses of water and induce vomiting by sticking finger down throat. Never give anything by mouth to an unconscious person. Contact medical assistance.

Inhalation: NA

SECTION VIII - REACTIVITY DATA

Stability: Stable

Hazardous Polymeration: None

Conditions to Avoid: Heat

Incompatibles: NA

Decomposition of Products: Thermal decomposition may produce toxic oxides of carbon.

SECTION IX - SPILL AND DISPOSAL PROCEDURES

In Case of Spill or Release: NA

Disposal Procedure: Dispose of in accordance with all federal, state, and local regulations.

SECTION X - TRANSPORTATION DATA

Proper Shipping Name: NA

Hazard Class: NA

ID: NA

GROUP: NA

SECTION XI - REFERENCES

- 1) TLV's Threshold Limit Values and Biological Exposure Indices for 1988-1989. American Conference of Governmental Industrial Hygienists, 1988.
- 2) Air contaminants, Federal Register, Vol. 54, No. 12, Thursday, January 19, 1989. pp2332-2983.
- 3) Outside testing
- 4) In-house information
- 5) Technical judgment

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED TO BE ACCURATE. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THIS DATA OR RESULTS TO BE OBTAINED FROM THE USE THEREOF.