

MATERIAL SAFETY DATA SHEETS

Model: DOFS-25A

Effective: 06/28/98
Cat. No. HI7040

Rev. A - Page 1 of 2
For assistance please contact: (401) 765-7500

SECTION I - PRODUCT IDENTIFICATION

Product Name: Zero Oxygen Solution
Chemical Name: Sodium meta-bisulfite solution
Formula: $\text{Na}_2\text{S}_2\text{O}_5$
Formula Weight: 190.10
CAS. Number: 7681-57-4
Chemical Family: Inorganic Salt

SECTION II - INGREDIENTS

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

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