Material Safety Data Sheets

Model: DOFS-25A

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

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 %
TLV: Not established
Hazard: NA

Water
PCT: < 100 %
TLV: Not established
Hazard: NA

Cas No.: 7681-57-4
SARA: NA
PEL: Not established

Cas No.: NA
SARA: NA
PEL: Not established

SECTION III - PHYSICAL DATA
State: Liquid
Odor: Sulfur Dioxide
Other: NA
Boiling Point: > 100 C
Melting Point: NA
Specific Gravity: 1.02
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 <3mg/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

MSDS-0371
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  
Incompatibilities: 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

3) Outside testing
4) In-house information
5) Technical judgment

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