

# MATERIAL SAFETY DATA SHEET

Sodium Sulfite 0.05% Solution

**SECTION 1 . Product and Company Identification**

Product Name and Synonym: Sodium Sulfite 0.05% Solution

Product Code: 145-71

Material Uses:  
 Manufacturer: OFI Testing Equipment, Inc.  
 11302 Steeplecrest Drive  
 Houston, TX 77065 USA  
 Phone: (713) 880-9885  
 Fax: (713) 880-9886

Entry Date : 5/5/2010

Print Date: 7/28/2010

24 Hour Emergency Assistance : Chemtrec 800-424-9300  
 Canutec 613-996-6666

Health:	1
Flammability:	0
Reactivity:	0
<b>Hazard Rating:</b>	
Least	Slight
0	1
Moderate	High
2	3
Extreme	4
4	0
NA = Not Applicable NE = Not Established	

**SECTION 2 HAZARD IDENTIFICATION**

May be harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling.

Emergency Overview:Caution! Liquid May Be Harmful. Avoid Ingestion, And Contact With Skin, Eyes Or Clothing. If Ingested, Do Not Induce Vomiting. Dilute With Water, Or Milk, And Get Medical Attention. Contact With Acids Produce Hydrogen Sulfide Gas

Inhalation:May cause mild irritation of the respiratory tract. Symptoms may include coughing, dizziness, nausea and headache.

May cause sore throat, vomiting, diarrhea, stomach upset and effects of inhalation.

Ingestion:May cause irritation, redness, and pain.

Skin: May cause irritation, redness, pain, and tearing.

Eye Contact:No Information Found.

Chronic Exposure:Some individuals are said to be dangerously sensitive to minute amounts of sulfites in foods and some bronchodilator medicines preserved with sulfites.

Aggravation of Pre-Existing Conditions:Symptoms may include bronchi constriction, shock, gastrointestinal disturbances, angio edema, flushing, and tingling sensations.

**SECTION 3 MIXTURE COMPONENTS**

SARA 313	Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
<input type="checkbox"/>	Sodium Sulfite Anhydrous	CAS# 7757-83-7	0.05%	W/V	OSHA TWA 2 pmm (as SO <sub>2</sub> ), STEL 5 ppm (as SO <sub>2</sub> )

Sodium Sulfite 0.05% Solution

Water, Deionized ASTM Type II    CAS# 7732-18-5    Balance    V/V    None Established

**SECTION 4 FIRST AID MEASURES**

May be harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling.

FIRST AID: SKIN: Wash exposed area with soap and water. If irritation persists, seek medical attention.

EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid. INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen

If swallowed give large quantities of water and get medical attention immediately.

**SECTION 5 FIRE FIGHTING MEASURES**

Fire Extinguisher Type: Any means suitable for extinguishing surrounding fire

Fire / Explosion Hazards: None Known.

Fire Fighting Procedure: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

**SECTION 6 ACCIDENTAL RELEASE MEASURES**

Dispose of in a manner consistent with federal, state and local regulations.

Ventilate Area of Leak or Spill. Wear Appropriate Personal Protective Equipment as Specified in Section 8. Contain and Recover Liquid when Possible. Collect Liquid in an Appropriate Container or Absorb with an Inert Material (e.g., Vermiculite, Dry Sand, Earth), and Place in a Chemical Waste Container. Do Not Use Combustible Materials, such as Saw Dust.

**SECTION 7 HANDLING AND STORAGE**

Store in a cool dry place. Do not get in eyes, on skin, on clothing. Wash thoroughly after handling

**SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Respiratory Protection: None required

Ventilation

Local Exhaust

Mechanical

Protective Gloves: Gloves to prevent skin exposure as rubber or vinyl

Eye Protection: Splash Goggles

Other Protective Equipment: Wear appropriate clothing to prevent skin exposure

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

Melting Point:	~ 0° C	Percent Volatile by Volume:	> 99%
Boiling Point:	~ 100° C	Evaporation Rate	1
Vapor Pressure:	Information not available	Evaporation Standard	Water = 1
Vapor Density:	Information	Auto Ignition Temp	Not applicable

Sodium Sulfite 0.05% Solution

Solubility in Water:	not available		
Appearance /Odors:	Soluble	Lower Flamm. Limit in Air	Not applicable
	Colorless liquid	Upper Flamm. Limit in Air	Not applicable
	odorless to slight sulfur smell		
Flash Point:	not flammable		
Specific Gravity:	~ 1		

**SECTION 10 STABILITY AND REACTIVITY INFORMATION**

Stability:	Stable
Conditions to Avoid:	Extreme temperatures, incompatible material
Materials to Avoid:	Acids, oxidizing materials
Hazardous Decomposition Products:	Sodium sulfite or sulfur dioxide at high temp.
Hazardous polymerization:	not expected to occur
Conditions to Avoid:	None known

**SECTION 11 Toxicological Information**

Carcinogenic References: NTP Carcinogen - Known: No, IARC Category- 3

**SECTION 12 Ecological Information**

No Information Found.

**SECTION 13 Disposal Considerations**

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

**SECTION 14 Transport Information**

DOT Classification: Not Regulated

DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

**SECTION 15 Regulatory Information**

Chemical Inventory Status –  
Part 1:Ingredient TSCA EC Japan Australia  
Sodium Sulfite (7757-83-7))Yes Yes Yes Yes

Chemical Inventory Status –  
Part 2:Ingredient Korea DSL NDSL Phil.  
Sodium Sulfite (7757-83-7))Yes Yes NO Yes

Federal, State & International Regulations –  
Part 1: Ingredient RQ TPQ List Chemical Catg.  
Sodium Sulfite (7757-83-7)NO NO NO NO

Federal, State &  
International Regulations –  
Part 2:Ingredient

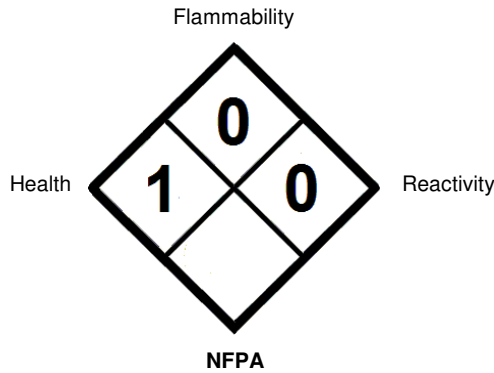
Sodium Sulfite 0.05% Solution

Sodium Sulfite (7757-83-7)  
261.33: NO  
8(d):No  
Chemical Weapons Convention: No  
TSCA 12 (b):No  
CDTA:No  
SARA 311/312: Acute: Yes Chronic: Yes  
Fire: NO Pressure: No  
Reactivity: No PURE/SOLID  
(Mixture / Liquid)

Australian Hazchem NONE ALLOCATED  
Poison Schedule:NONE ALLOCATED

**SECTION 16 Additional Information**

Effects of exposure: ingestion may cause gastric irritation, diarrhea. Some individuals may develop allergic reactions. May cause irritation to skin after prolonged exposure. Persons with preexisting eye or skin conditions may be more susceptible. Contact with acid produces toxic hydrogen sulfide gas.



**Revisions**

	0	
7/28/2010	0.1	updated msds to 16 section from 10 section msds. STN

The information herein is believed to be accurate and is offered in good faith for the user's consideration and investigation. No warranty either expressed or implied is made for the completeness or accuracy of the information whether originating from the above mentioned company or not. Users of this material should satisfy themselves by independent investigation of current scientific and medical knowledge that the material can be used safely.