

# MATERIAL SAFETY DATA SHEET

Sulfide Ion Test Solution "A"

## SECTION 1 . Product and Company Identification

Product Name and Synonym: Sulfide Ion Test Solution "A"  
Product Code: 145-501  
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			
Hazard Rating:				
Least	Slight	Moderate	High	Extreme
0	1	2	3	4
NA = Not Applicable		NE = Not Established		

## SECTION 2 HAZARD IDENTIFICATION

Generally not hazardous in normal handling, however good laboratory practices should always be used. Avoid long term exposure to skin or by inhalation.

Emergency Overview: May cause eye, skin, and respiratory irritation.

Inhalation: May Cause Irritation to the Respiratory Tract. Symptoms may include Coughing and Shortness of Breath.

Ingestion: Large Doses may Cause Stomach Upset.

Skin: Not Expected to be a Health Hazard. May Cause Slight Irritation with Redness and Pain.

Eye Contact: Splashes may Cause Irritation.

Chronic Exposure: Chronic Ingestion of Iodides may Produce "iodism", which may be manifested by Skin Rash, Running Nose, Headache and Irritation of Mucous Membranes.

Aggravated by Exposure: No Information Found.

## SECTION 3 MIXTURE COMPONENTS

SARA 313	Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
<input type="checkbox"/>	Methyl p-Hydroxybenzoate (Methylparaben)	CAS# 99-76-3	0.6%	W/V	TXDS: orl-mus LDLo: 3 g/Kg
<input type="checkbox"/>	Potassium Iodide	CAS# 7681-11-0	50%	W/V	TXDS: orl-hmn LDLo: 1862 mg/Kg
<input type="checkbox"/>	Sodium Hydroxide Solution 50% w/w		.34%	W/V	
<input type="checkbox"/>	Starch, Soluble	CAS# 9005-84-9	1.2%	W/V	None Established

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

**SECTION 4 FIRST AID MEASURES**

Generally not hazardous in normal handling, however good laboratory practices should always be used. Avoid long term exposure to skin or by inhalation.

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

INGESTION: Give several glasses of water. Vomiting may occur, but it is not necessary to induce.

**SECTION 5 FIRE FIGHTING MEASURES**

Fire Extinguisher Type: Any means suitable for extinguishing surrounding fire

Fire / Explosion Hazards: None

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

**SECTION 6 ACCIDENTAL RELEASE MEASURES**

Absorb spill with inert material. Flush excess down drain.

Absorb Spills with Dry Absorbent or Dilute with Large Quantities of Water and Handle as Non-Hazardous Waste.

**SECTION 7 HANDLING AND STORAGE**

Store in a cool dry place. This Material is not considered hazardous. Handle using safe laboratory practices.

**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: Use safe laboratory handling procedures.

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

Melting Point:	Not Available	Percent Volatile by Volume:	> 99%
Boiling Point:	Not Available	Evaporation Rate	Information not available
Vapor Pressure:	not available	Evaporation Standard	
Vapor Density:	not available	Auto Ignition Temp	Not applicable
Solubility in Water:	Soluble	Lower Flamm. Limit in Air	Not applicable
Appearance /Odors:	White Milky	Upper Flamm. Limit in Air	Not applicable

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Flash Point: Not flammable

Specific Gravity: ~ 1.05

**SECTION 10 STABILITY AND REACTIVITY INFORMATION**

Stability: Stable  
Conditions to Avoid: None known  
Materials to Avoid: None known  
Hazardous Decomposition Products: Not known to occur  
Hazardous polymerization: Will Not Occur  
Conditions to Avoid: None known

**SECTION 11 Toxicological Information**

NTP Carcinogen - Known: No, IARC Category- None

**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.

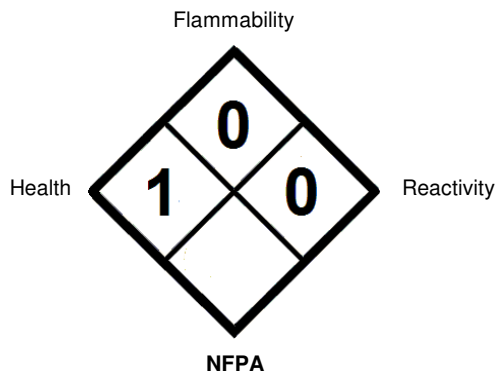
**SECTION 15 Regulatory Information**

All components listed on TSCA Inventory.

**SECTION 16 Additional Information**

Conditions aggravated/target organs: Persons with preexisting skin, eye or digestive disorders may be more susceptible. Acute: Possible irritation to skin, eyes, and digestive tract. Chronic: None known.

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Revisions

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