

MATERIAL SAFETY DATA SHEET

Starch Indicator Solution

SECTION 1 . Product and Company Identification

Product Name and Synonym: Starch Indicator Solution

Product Code: 145-551

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:	0			
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: Possibly some Mild Eye Irritation.

Inhalation: Not Expected to be a Health Hazard.

Ingestion: No Adverse Effects Expected.

Skin: No Adverse Effects Expected.

Eye Contact: No Adverse Health Effects Expected. Possibly some Mild Irritation.

Chronic Exposure: No Adverse Health Effects Expected.

Aggravated by Exposure: No Information Found.

SECTION 3 MIXTURE COMPONENTS

SARA 313	Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
<input type="checkbox"/>	Salicylic Acid	CAS# 69-72-7	0.075 - 0.15%	W/V	TXDS: orl-rat LD ₅₀ : 891 mg/Kg
<input type="checkbox"/>	Starch, Soluble	CAS# 9005-84-9	0.5 - 1.5%	W/V	None Established
<input type="checkbox"/>	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

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occasionally. Seek Medical Aid. INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen

INGESTION: If swallowed, induce vomiting immediately after giving two glasses of water. Never give anything by mouth to an unconscious person.

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: Safety Glasses w/Side Shields
Other Protective Equipment: Use safe laboratory handling procedures.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Melting Point:	~ 0° C	Percent Volatile by Volume:	> 99%
Boiling Point:	~ 100° C	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:	Clear to slightly turbid solution, odorless	Upper Flamm. Limit in Air	Not applicable
Flash Point:	Not flammable		
Specific Gravity:	~ 1		

SECTION 10 STABILITY AND REACTIVITY INFORMATION

Starch Indicator Solution

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

SECTION 11 Toxicological Information

IARC Category- None, NTP Carcinogen - Known: No

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

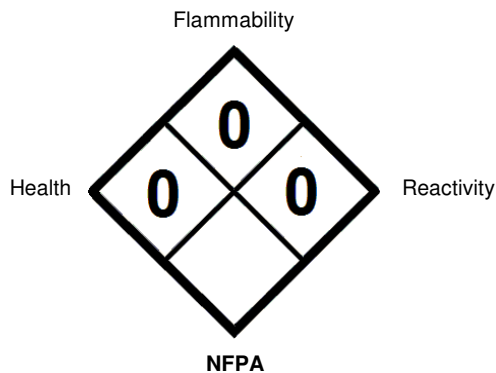
DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

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. If ingested give large amounts of water and seek medical attention.



Revisions

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