# **MATERIAL SAFETY DATA SHEET**



# Iodine 0.1 Normal (N/10)

# SECTION 1 . Product and Company Idenfication

Product Name and Synonym: lodine 0.1 Normal (N/10)

Product Code: 4750

Material Uses:

Manufacturer: Aqua Solutions, Inc

6913 Hwy 225

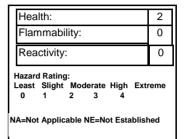
Deer Park, TX 77536

(281) 479-2569

Entry Date : 12/2/2014
Print Date: 12/2/2014

24 Hour Emergency Assistance : Chemtrec 800-424-9300

Canutec 613-996-6666



## **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.

## SECTION 3 MIXTURE COMPONENTS

SARA 313	Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
☐ Iodine		CAS# 7553-56- 2	1.27%	W/V	OSHA PEL (C) 0.1 ppm (1 mg/mf
☐ Potassiur	n lodide	CAS# 7681-11- 0	4%	W/V	TXDS: orl-hmn LDLo: 1862 mg/Kg
☐ Water, De Type II	eionized ASTM	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

INGESTION: Give several glasses of milk or water. Vomiting may occur spontaneously, but DO NOT INDUCE! Never give anything by mouth to an unconscious person.

### SECTION 5 FIRE FIGHTING MEASURES

Fire Extinguisher Type:

Any means suitable for extinguishing

Iodine 0.1 Normal (N/10)

surrounding fire

Not combustible, however, contact with Fire / Explosion Hazards:

reducing agents or combustibles may cause

ignition.

Wear self-contained breathing apparatus and protective clothing Fire Fighting Procedure:

to prevent contact with skin and clothing.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Neutralize iodine by adding sodium thiosulfate solution until iodine color is gone. Pick up with absorbent material.

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

None required **Respiratory Protection:** 

Ventilation

Local Exhaust 🗸

Mechanical

Protective Gloves: Wear appropriate gloves to prevent skin exposure

Eye Protection: Splash Goggles

Wear appropriate clothing to prevent Other Protective Equipment:

skin exposure

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

95 ~0°C Percent Volatile by Volume: Melting Point:

~100°C Information not **Boiling Point: Evaporation Rate** 

available

Not applicable

Information Vapor Pressure: **Evaporation Standard** 

not available

Information Vapor Density: Not applicable **Auto Ignition Temp** 

not available

Soluble Solubility in Water: Lower Flamm, Limit in Air Not applicable

Upper Flamm. Limit in Air

Clear, brown Appearance /Odors:

liquid with

lodine odor

Flash Point: Information

not available

Specific Gravity:

SECTION 10 STABILITY AND REACTIVITY INFORMATION

Stability: Stable

Conditions to Avoid: Avoid exposure to light. Iodine 0.1 Normal (N/10)

Materials to Avoid:

Active metals, ammonia, acetylene,

Hazardous Decomposition

acetaldehyde

Products:

lodine fumes

Hazardous polymerization:

Will Not Occur

Conditions to Avoid:

None known

SECTION 11	Toxicological Information	
SECTION 12	Ecological Information	
SECTION 13	Disposal Considerations	
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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	
SECTION 16	Additional Information	

Conditions aggravated/target organs: Persons with pre-existing skin, eye, thyroid, and respiratory disorders, as well as persons with iodine allergies, will be more susceptible. May cause skin and eye irritation. Conditions aggravated: Thyroid disorders, iodine allergies.

Flammability

Health Reactivity

Revisions	NFPA	
	0.2	

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