MATERIAL SAFETY DATA SHEET



Methyl Orange 0.1% w/v Aqueous Sol'n

SECTION 1 . Product and Company Idenfication

Product Name and Synonym: Methyl Orange 0.1% w/v Aqueous Sol'n

Product Code: 5830

Material Uses:

Manufacturer: Aqua Solutions, Inc

6913 Hwy 225

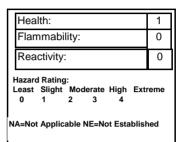
Deer Park, TX 77536

(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
☐ Methyl Orange Sodium Salt	CAS# 547-58-0	0.1%	W/V	TXDS: orl-rat LD•□: 60 mg/Kg
Water, Deionized ASTMType 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

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 None Known.

Fire / Explosion Hazards:

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

to prevent contact with skin and clothing.

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SECTION 6 ACCIDENTAL RELEASE MEASURES

Absorb spill with inert material. Flush excess down drain.

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

Use safe laboratory handling Other Protective Equipment:

procedures.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

>99 ~0°C Percent Volatile by Volume: Melting Point:

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

available

Information Vapor Pressure:

not available

Evaporation Standard

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

not available

Soluble

Lower Flamm. Limit in Air

Not applicable

Clear, orange, Appearance /Odors:

odorless liquid

Upper Flamm, Limit in Air

Not applicable

Flash Point: Not flammable

Specific Gravity: ~1

Solubility in Water:

SECTION 10 STABILITY AND REACTIVITY INFORMATION

Stable Stability:

Conditions to Avoid: None known

Materials to Avoid: Concentrated Acids and Bases, Water

Hazardous Decomposition

reactive materials.

Products:

None known

Hazardous polymerization: Will Not Occur

Conditions to Avoid: None known

SECTION 11	Toxicological Information
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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: None known. Acute: slight irritation possible to skin, eyes, lungs, mucous membranes and GI tract. Chronic: none known.

Flammability

Health Reactivity

Revisions 0.2

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