MATERIAL SAFETY DATA SHEET



Doctor Solution (Sodium Plumbite)

SECTION 1. Product and Company Idenfication

Product Name and Synonym: Doctor Solution (Sodium Plumbite)

Product Code: 3200

Material Uses:

Manufacturer: Aqua Solutions, Inc

6913 Hwy 225

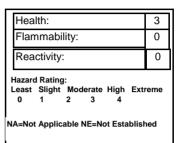
Deer Park, TX 77536

(281) 479-2569

Entry Date : 12/1/2014
Print Date: 12/1/2014

24 Hour Emergency Assistance : Chemtrec 800-424-9300

Canutec 613-996-6666



SECTION 2 HAZARD IDENTIFICATION

Causes severe irritation and burns. Harmful if swallowed. Avoid breathing vapor or dust. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

SECTION 3 MIXTURE COMPONENTS

| SARA 313 Lead Oxid | Component de, Yellow (Litharge) | CAS Number CAS# 1317-36-8 | Percent Comp. ~5% | Dimension W/V | Exposure Limits |
|------------------------|------------------------------------|----------------------------------|-------------------------|------------------|-------------------------------------|
| ✓ Sodium F | lydroxide | CAS# 1310-73- 2 | 12.5% | W/V | OSHA PEL 2 mg/mf ACGIH 2mg/mf |
| ☐ Water, De Type II | eionized ASTM | CAS# 7732-18- 5 | 90% | V/V | None Established |

SECTION 4 FIRST AID MEASURES

Causes severe irritation and burns. Harmful if swallowed. Avoid breathing vapor or dust. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

FIRST AID: CALL A PHYSICIAN. SKIN: In case of contact, immediately flush skin with water for at least 15 minutes while removing contaminated clothing and shoes. Thoroughly clean clothing and shoes before reuse.

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 unconcious person.

Doctor Solution (Sodium Plumbite)

SECTION 5 FIRE FIGHTING MEASURES

Dry chemical, carbon dioxide Fire Extinguisher Type:

Thermal decomposition produces highly toxic Fire / Explosion Hazards:

fumes.

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

to prevent contact with skin and clothing.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Absorb spill with inert material, then place in a chemical waste container. Dispose of in a manner consistent with federal, local

law. Ventilate and wash spill site.

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

NIOSH/MSHA-approved respirator **Respiratory Protection:**

Ventilation

Local Exhaust

Mechanical **✓**

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

Eye Protection: Goggles and Face

Shield

Wear appropriate clothing to prevent Other Protective Equipment:

skin exposure

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

>80% information Percent Volatile by Volume: **Melting Point:**

not available

information N/E **Boiling Point: Evaporation Rate**

not available

information Not Applicable Vapor Pressure: **Evaporation Standard**

not available

Vapor Density: information N/E **Auto Ignition Temp**

not available

Soluble Solubility in Water: Lower Flamm, Limit in Air N/A

Appearance /Odors: Clear odorless Upper Flamm. Limit in Air N/A

liauid

Flash Point: not flammable

Specific Gravity: ~1.3

SECTION 10 STABILITY AND REACTIVITY INFORMATION

Stability: Stable

Conditions to Avoid: Avoid contact with incompatible materials. Doctor Solution (Sodium Plumbite)

Materials to Avoid: Oxidizers, acids, acid halides & anhydrides,

Hazardous Decomposition

metals, organics

Products:

Toxic corrosive fumes

Hazardous polymerization: Will Not Occur

Conditions to Avoid: None known

| SECTION 11 | Toxicological Information | |
|------------|---------------------------|--|
| SECTION 12 | Ecological Information | |
| SECTION 13 | Disposal Considerations | |
| SECTION 14 | Transport Information | |

DOT Classification: UN1760, Corrosive Liquid, n.o.s. (Sodium

Hydroxide Solution), 8, PG II

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 | |

Corrosive! Toxic! Conditions aggravated: Persons with preexisting skin, eye or respiratory conditions may be more susceptible. Acute: Severe irritation or burns to skin, eyes, respiratory and digestive systems. Seizures, nausea, vomiting, increased mucous secretion in lungs. Effects may be fatal. Chronic: Dermatitis, suspect carcinogen, possible teratogen. Target organs: Nervous system, liver, kidneys, blood.

Flammability

Health Reactivity

Revisions 0.1

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