



Safety Data Sheet  
According to the (US) Hazard Communication Standard (29 CFR 1910.1200)

**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

<b>Product Name</b>	Sodium Arsenite, 5 g/l	
<b>NCL Catalog Number</b>	S-30	
<b>Product Description</b>	Laboratory chemical	
<b>Manufacturer</b>	NCL of Wisconsin, Inc.	PO Box 8, Birnamwood, WI 54414
	Telephone: 1-800-648-7836	Fax: 715-449-2454
	Email: <a href="mailto:nclabs@nclabs.com">nclabs@nclabs.com</a>	Emergency Contact: 1-800-424-9300 (Chemtrec)

**SECTION 2: HAZARDS IDENTIFICATION**

**GHS Classification**

Acute Toxicity	Oral Category 3
Acute Toxicity	Dermal Category 3
Acute Toxicity	Inhalation Category 3
Carcinogenicity	Category 1A
Aquatic Acute	Category 3
Aquatic Chronic	Category 3



**Signal Word**

Danger

**Hazard Statements**

H301+H311+H331	Toxic if swallowed, in contact with skin or if inhaled.
H350	May cause cancer.
H412	Harmful to aquatic life with long lasting effects.

**Precautionary Statements**

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P261	Avoid breathing mist/vapors/spray.
P264	Wash exposed skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor.
P330	Rinse mouth.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P312	Call a POISON CENTER or doctor if you feel unwell.
P361+P364	Take off immediately all contaminated clothing and wash it before reuse.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P311	Call a POISON CENTER or doctor.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P501	Dispose of contents/container to comply with local, state and federal regulations.

**Other Hazards Not Contributing to the Classification**

None under normal conditions.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

Mixture

Name	CAS #	Approximate %
Water	7732-18-5	99.5
Sodium Arsenite	7784-46-5	0.5

**SECTION 4: FIRST AID MEASURES**

Description of First Aid Measures

**General First Aid Measures**

Never give anything by mouth to an unconscious person. Seek medical advice if you feel unwell.

**If Inhaled**

Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor.

**In Case of Skin Contact**

Remove contaminated clothing and shower/wash exposed skin with mild soap and water. Rinse with warm water. Do not apply chemical neutralizing agents. Take victim immediately to a hospital. Consult a physician.

**In Case of Eye Contact**

Immediately flush eyes with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if irritation persists.

**If Swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water. Immediately call a POISON CENTER or doctor.

Most Important Symptoms/Effects Acute and Delayed

No additional information.

Indication of Immediate Medical Attention and Special Treatment Needed

Seek medical advice if you feel unwell.

**SECTION 5: FIRE-FIGHTING MEASURES**

Extinguishing Media

**Suitable Extinguishing Media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Unsuitable Extinguishing Media**

None known.

Special Hazards Arising from the Chemical

No data available.

Special Protective Actions for Fire-Fighters

Wear self-contained breathing apparatus and protective clothing. Keep exposed containers cool with water spray. Dilute toxic gases with water spray.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

Personal Precautions, Protective Equipment and Emergency Procedures

**Personal Precautions**

Use personal protective equipment (see section 8). Safety glasses, gloves, gas/dust mask. Avoid dust formation. Avoid breathing dust, vapors, mist or gas. Ensure adequate ventilation and evacuate personnel to safe areas.

**Environmental Precautions**

Prevent entry to surface and ground waters.

**Methods and Materials for Containment and Cleaning Up**

Prevent formation of dust. Pick up and arrange disposal. Ensure compliance with local, state and federal regulations.

**SECTION 7: HANDLING AND STORAGE**

**Precautions for Safe Handling**

Avoid contact with eyes and skin. Avoid breathing vapors. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.

**Conditions for Safe Storage  
Including any Incompatibilities**

Keep in original container, tightly closed and stored in a cool, dry, ventilated area.  
Protect container from physical damage.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****Control Parameters**

No data available

**Appropriate Engineering Controls**

Material should be handled or transferred in a fume hood or with equivalent ventilation.  
Maintain eye-wash fountain and quick-drench facilities in work area.

**Individual Protection Measures****Eye/Face Protection**

Avoid all unnecessary exposure.

Use chemical safety goggles and/or a full face shield where splashing is possible.  
Contact lenses should not be worn when working with this material. Maintain eye-wash fountain and quick-drench facilities in work area.

**Skin Protection**

Protective gloves and additional protection including impervious boots, apron, or coveralls, as needed in areas of unusual exposure to prevent skin contact.

**Respiratory Protection**

Wear appropriate mask.

**Other Information**

Do not eat, drink or smoke when using this product.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical State</b>	Liquid
<b>Color</b>	Colorless
<b>Odor</b>	Odorless
<b>Odor Threshold</b>	Not determined
<b>pH</b>	Not determined
<b>Melting Point/Freezing Point</b>	Not determined
<b>Initial Boiling Point and Boiling Range</b>	Not determined
<b>Flash Point</b>	Not applicable
<b>Evaporation Rate</b>	Not determined
<b>Flammability (Solid, Gas)</b>	Not determined
<b>Upper/Lower Flammability/Explosive Limits</b>	Not determined
<b>Vapor Pressure</b>	Not determined
<b>Vapor Density</b>	Not determined
<b>Relative Density</b>	Not determined
<b>Solubility</b>	Soluble in water
<b>Partition Coefficient: n-octanol/water</b>	Not determined
<b>Auto-Ignition Temperature</b>	Not determined
<b>Decomposition Temperature</b>	Not determined
<b>Viscosity</b>	Not determined

**SECTION 10: STABILITY AND REACTIVITY**

<b>Reactivity</b>	No data available
<b>Chemical Stability</b>	Stable under ordinary conditions of use and storage.
<b>Possibility of Hazardous Reactions</b>	No data available
<b>Conditions to Avoid</b>	No data available
<b>Incompatible Materials</b>	Strong acids, iron and oxidizing agents
<b>Hazardous Decomposition Products</b>	Decomposes at high temperatures to produce toxic gases containing arsenic.

**SECTION 11: TOXICOLOGICAL INFORMATION**

**Acute Toxicity** Toxic if swallowed, in contact with skin or if inhaled.

<b>Sodium Arsenite (7784-46-5)</b>	
<b>LD50 oral rat</b>	41 mg/kg

<b>Water (7732-18-5)</b>	
<b>LD50 oral rat</b>	≥90000 mg/kg
<b>Skin Corrosion/Irritation</b>	Not classified
<b>Serious Eye Damage/Irritation</b>	Not classified
<b>Respiratory or Skin Sensitization</b>	Not classified
<b>Germ Cell Mutagenicity</b>	Not classified
<b>Carcinogenicity</b>	Possible human carcinogen. <b>IARC:</b> Group 1 Carcinogenic to humans. <b>NTP:</b> Known to be a human carcinogen. <b>OSHA:</b> OSHA specifically regulated carcinogen.
<b>Reproductive Toxicity</b>	Not classified
<b>Specific Target Organ Toxicity (Single Exposure)</b>	Not classified
<b>Specific Target Organ Toxicity (Repeated Exposure)</b>	Not classified
<b>Aspiration Hazard</b>	Not classified
<b>Potential Adverse Human Health Effects and Symptoms</b>	No data available
<b>Other Information</b>	No additional information available.

#### SECTION 12: ECOLOGICAL INFORMATION

<b>Ecology – Water Toxicity</b>	Harmful to aquatic life with long lasting effects.
<b>Persistence and Degradability</b>	No information available.
<b>Bioaccumulative Potential</b>	No information available.
<b>Mobility in Soil</b>	No information available.
<b>Other Adverse Effects</b>	Avoid release to the environment.

#### SECTION 13: DISPOSAL CONSIDERATIONS

##### Methods of Disposal

<b>Disposal Recommendations</b>	Dispose of contents/containers in accordance with local, state and federal regulations. Hazardous waste shall not be mixed together with other waste.
<b>Other Information</b>	Avoid release to the surrounding environment.

#### SECTION 14: TRANSPORT INFORMATION

<b>UN Number</b>	1686
<b>UN Shipping Name</b>	Sodium Arsenite Solution
<b>Transport Hazard Class(es)</b>	6.1
<b>Packing Group</b>	Not available
<b>Environmental Hazards</b>	Not available
<b>Transport in Bulk</b>	Not available
<b>Other Precautions</b>	Not available

#### SECTION 15: REGULATORY INFORMATION

<b>Sodium Arsenite (7784-46-5)</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory

**SECTION 16: OTHER INFORMATION**

Revision Date: 04/09/2015

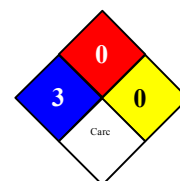
**NFPA Hazards**

**Health Hazard** 3: Short exposure could cause serious temporary or moderate residual injury.

**Fire Hazard** 0: Materials that will not burn under typical fire conditions.

**Reactivity/Instability** 0: Normally stable, even under fire exposure conditions, and are not reactive with water.

**Special Hazard** Carcinogenic



**HMIS III Rating**

**Health** 3: Major injury likely unless prompt action is taken and medical treatment is given.

**Flammability** 0: Materials that will not burn.

**Physical Hazard** 0: Materials that are normally stable, even under fire conditions, and will not react with water.

**Personal Protection** F

S-30	
Health	3
Flammability	0
Physical Hazard	0
Personal Protection	F

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**END OF SAFETY DATA SHEET**