

# FLINN SCIENTIFIC, INC.

## Safety Data Sheet (SDS)

SDS #: 704.00

Revision Date: March 21, 2014

### SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### Sodium Arsenite, Meta

Flinn Scientific, Inc. P.O. Box 219, Batavia, IL 60510 (800) 452-1261

CHEMTREC Emergency Phone Number: (800) 424-9300

Signal Word **DANGER**

Pictograms



### SECTION 2 — HAZARDS IDENTIFICATION

Hazard class: Acute toxicity, oral and dermal (Category 1). Fatal if swallowed or in contact with skin (H300+H310). Do not eat, drink or smoke when using this product (P270). Do not get in eyes, on skin, or on clothing (P262).

Hazard class: Carcinogenicity (Category 1). May cause cancer (H350). Obtain special instructions before use (P201). Do not handle until all safety precautions have been read and understood (P202). Use personal protective equipment as required (P281). Known human carcinogen (IARC-1).

### SECTION 3 — COMPOSITION, INFORMATION ON INGREDIENTS

Component Name	CAS Number	Formula	Formula Weight	Concentration
Sodium (meta)arsenite	7784-46-5	NaAsO <sub>2</sub>	129.90	
Synonyms: Arsenous acid, sodium salt; Sodium dioxoarsenate				

### SECTION 4 — FIRST AID MEASURES

**If exposed or concerned:** Get medical advice or attention IMMEDIATELY (P308+P313).

**If inhaled:** Remove victim to fresh air and keep at rest in a position comfortable for breathing.

**If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing.

**If on skin:** Gently wash with plenty of water (P302+P350), Immediately call a POISON CENTER or physician (P310), Remove immediately all contaminated clothing (P361), Wash contaminated clothing before reuse (P363).

**If swallowed:** Immediately call a POISON CENTER or physician (P301+P310). Rinse mouth (P330).

### SECTION 5 — FIRE FIGHTING MEASURES

Nonflammable solid.

When heated to decomposition, may emit toxic fumes.

**In case of fire:** Use a tri-class dry chemical fire extinguisher.

**NFPA CODE**  
None  
established

### SECTION 6 — ACCIDENTAL RELEASE MEASURES

Ventilate area and remove all water sources. Sweep up, place in sealed bag or container and dispose. Ventilate area and wash spill site after material pickup is complete. See Sections 8 and 13 for further information.

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**SECTION 7 — HANDLING AND STORAGE**

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Flinn Suggested Chemical Storage Pattern: Inorganic #7. Store with arsenates, cyanides and cyanates.  
Somewhat hygroscopic. Absorbs carbon dioxide from air. Store in Flinn Chem-Saf™ bag, and lock up in a poison cabinet.

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**SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION**

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Wear protective gloves, protective clothing, and eye protection (P280). Wash hands thoroughly after handling.

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**SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES**

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Grayish-white powder. Odorless.  
Soluble: Water. Slightly in alcohol.

Specific gravity: 1.87

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**SECTION 10 — STABILITY AND REACTIVITY**

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Avoid contact with strong oxidizers, strong acids. Very poisonous. Absorbs carbon dioxide from the air.  
Shelf life: Poor, hygroscopic and absorbs CO<sub>2</sub>. See Section 7 for further information.

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**SECTION 11 — TOXICOLOGICAL INFORMATION**

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Acute effects: Highly toxic, irritant  
Chronic effects: Known carcinogen  
Target organs: Skin, lungs

ORL-RAT LD<sub>50</sub>: 41 mg/kg  
IHL-RAT LC<sub>50</sub>: N.A.  
SKN-RBT LD<sub>50</sub>: 150 mg/kg

N.A. = Not available, not all health aspects of this substance have been fully investigated.

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**SECTION 12 — ECOLOGICAL INFORMATION**

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Data not yet available.

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**SECTION 13 — DISPOSAL CONSIDERATIONS**

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Please review all federal, state and local regulations that may apply before proceeding.  
Flinn Suggested Disposal Method #27d is one option.

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**SECTION 14 — TRANSPORT INFORMATION**

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Shipping name: Sodium Arsenite, solid; Hazard class: 6.1, Poison; UN number: UN2027

N/A = Not applicable

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**SECTION 15 — REGULATORY INFORMATION**

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TSCA-listed, EINECS-listed (232-070-5), RCRA code D004.

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**SECTION 16 — OTHER INFORMATION**

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Consult your copy of the *Flinn Science Catalog/Reference Manual* for additional information about laboratory chemicals.

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