



Material Safety Data Sheet

Section 1: Chemical Product and Company Identification

Product Identity:

ARSENAZO III Aqueous Solutions

Supplier's Name:

S D FINE-CHEM LIMITED

Address:

315-317 T.V.IND. ESTATE, 248, WORLI ROAD,MUMBAI-400 030, INDIA

Emergency Contact:

phone: 91-22 2495 98 98 / 99 FAX: 91-22 2493 7232 Email: technical@sdfine.com

Section 2. Composition/Information on Ingredients

Component	CAS Registry #	Concentration	ACGIH TLV	OSHA PEL
Arsenazo III	1668-00-4	0.01 - 0.3% (w/v)	Not Available 0.01 (As) mg/m3	Not Available 0.5 (As) mg/m3
Water,	7732-18-5	balance	Not Available Not Available	Not Available Not Available

Section 3: Hazard Identification

Emergency Overview: WARNING! Contains a small amount of a known carcinogen. If ingested, dilute immediately with water or milk. Do not induce vomiting. Call a physician. Wash areas of contact with plenty of water. For eyes, get medical attention.

Target Organs: eyes, skin, kidneys, liver.

Eye Contact: May cause slight irritation.

Inhalation: Main inhalation hazard is in reference to Arsenic dust, which may cause inflammation of the mucous membranes with cough and foamy sputum, restlessness, dyspnea, cyanosis.

Skin Contact: May cause slight irritation.

Ingestion: Arsenic is highly toxic! May cause burning in the esophagus, vomiting and bloody diarrhea. Symptoms of cold and clammy skin, low blood pressure, weakness, headache, cramps, convulsions, and coma may follow. May cause damage to liver and kidneys. A suspected fetal toxin.

Chronic Effects/Carcinogenicity: Chronic exposure may affect kidneys and liver.

IARC - Arsenazo III is carcinogenic to humans. Arsenazo III is carcinogenic to humans.

NTP - Arsenazo III - Substances or groups of substances, and medical treatments that are known to be carcinogenic. Arsenazo III - Substances or groups of substances, and medical treatments that are known to be carcinogenic.

OSHA - Yes.

Reproductive Information: Not Applicable.

Teratology (Birth Defect) Information: Not Applicable.

Section 4: First Aid Measures - In all cases, seek qualified evaluation.

Eye Contact: Irrigate immediately with large quantity of water for at least 15 minutes. Call a physician if irritation develops.

Inhalation: Remove to fresh air. Give artificial respiration if necessary. If breathing is difficult, give oxygen.

Skin Contact: Immediately flush with plenty of water for at least 15 minutes. Remove any contaminated clothing. Wash with soap and water, then flush again with water. Call a physician if irritation develops.

Ingestion: Dilute with water or milk. Do not induce vomiting. Call a physician if necessary.

Section 5: Fire Fighting Measures

Flash Point: Not Available.

Method Used: Not Available.

LFL: Not Available.

UFL: Not Available.

Extinguishing Media: Use any means suitable for extinguishing surrounding fire.

Fire & Explosion Hazards: Not considered to be a fire or explosion hazard.

Fire Fighting Instructions: Use normal procedures/instructions.

Fire Fighting Equipment: Use protective clothing and breathing equipment appropriate for the surrounding fire.

Section 6: Accidental Release Measures

Absorb with suitable inert material (vermiculite, dry sand, etc) and place in a chemical waste container for proper disposal. Do not flush to sewer. Dispose of in accordance with local regulations.

Section 7. Handling and Storage

As with all chemicals, wash hands thoroughly after handling. Avoid contact with eyes and skin. Protect from freezing and physical damage.

Safety Storage Code: General

Section 8: Exposure Control/Personal Protection

Engineering Controls: No specific controls are needed. Normal room ventilation is adequate.

Respiratory Protection: Normal room ventilation is adequate.

Skin Protection: Chemical resistant gloves.

Eye Protection: Safety glasses or goggles.

Section 9: Physical and Chemical Properties

Appearance: Clear, pink liquid

Odor: Odorless

Solubility in Water: Infinite

Specific Gravity: Approximately 1

pH: Not Available.

Boiling Point(°C): Approximately 100

Melting Point(°C): Approximately 0

Vapor Pressure: Not Applicable.

Section 10: Stability and Reactivity

Chemical Stability: Stable under normal conditions of use and storage.

Incompatibility: Oxidizers

Hazardous Decomposition Products: Emits toxic fumes of Arsenic when heated to decomposition.

Hazardous Polymerization: Will not occur.

Section 11. Toxicological Information

No information found.

Section 12. Ecological Information

Ecotoxicological Information: This material is expected to be slightly toxic to aquatic life.

Chemical Fate Information: This material may bioaccumulate to some extent.

Section 13. Disposal Considerations

Absorb with suitable material and containerize for disposal with a RCRA approved waste disposal facility . Do not flush to the sewer. Always dispose of in accordance with local, state and federal regulations.

Section 14. Transport Information

Part Numbers:

This product is not regulated.

Section 15. Regulatory Information (Not meant to be all inclusive - selected regulation represented)

OSHA Status:These items meet the OSHA Hazard Communication Standard (29 CFR 1910.1200) definition of a hazardous material.

TSCA Status:This solution contains an ingredient not found on the TSCA list . It is for research and development use only.

Sara Title III:

Section 302 Extremely Hazardous Substances:Not Applicable.

Section 311/312 Hazardous Categories:Acute, Chronic: Yes Fire, Pressure, Reactivity: No

Section 313 Toxic Chemicals:Not Applicable.

California: Contains an ingredient (Arsenazo III) known to the state of California to cause cancer. Contains an ingredient (Arsenazo III) known to the state of California to cause cancer.

Pennsylvania: None Reported.

RCRA Status: Not Applicable.

CERCLA Reportable Quantity: None Reported.

WHMIS: D-2A: Poisonous and Infectious Material. Materials causing other toxic effects - Very Toxic Material.



Section 16. Other Information

NFPA Ratings:

Health: 1

Flammability: 0

Reactivity: 0

Special Notice Key:None

HMIS Ratings:

Health: 1*

Flammability: 0

Reactivity: 0

Protective Equipment:B (Protective Eyewear, Gloves)

The above information is believed to be accurate and represent the best information currently available to us, but does not represent any warranty expressed or implied of the properties of the product. User should make their own investigation to determine the suitability of the information for their particular purpose.

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