

Sodium arsenite solution

Product Stewardship Summary

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| Chemical Name: | Sodium arsenite |
| Synonyms: | Sodium arsenite,; sodium meta-arsenite; sodium arsenate(III) |
| CAS Number: | 7784-46-5 |
| EC (EINECS) Number: | 232-070-5 |
| Revision number: | 1-2026 |

- **Chemical identification and uses:** Sodium arsenite solution is non-flammable, colorless and odorless solution of sodium arsenite and water. Sodium arsenite without water appears as a solid white or grayish powder and is an inorganic sodium salt. It is typically used as a pesticide and is also known to be used as a hide preservative, antiseptic, and in dyeing and soaps.
- **Potential exposures:** Exposure to Sodium arsenite solution can occur in industrial/manufacturing facilities, laboratories, and/or during consumer use where the chemical solution is handled. Workers, laboratory technicians, and consumers risk exposure primarily through skin and eye contact. Good manufacturing and industrial hygiene practices should be followed to prevent contact, as sodium arsenite is a known carcinogen. See the Safety Data Sheet (SDS) for additional information.
- **Human Health hazards:** Sodium arsenite solution may cause cancer, as pure sodium arsenite is known to be carcinogenic to humans. Sodium arsenite is identified as a known carcinogen by NTP and IARC. As a result, anyone working with the solution should wear personal protective equipment, use only in well-ventilated areas, and avoid contact with skin, eyes and clothing. One should refer to the Safety Data Sheet (SDS) for additional information.
- **Environmental Health hazards:** Sodium arsenite solution is not known to be toxic to aquatic life; however, this depends on the concentration of the sodium arsenite salt (which is very toxic to aquatic life with long lasting effects in its pure form). Therefore, sodium arsenite solution should not be released into the environment.
- Please contact us at PSCustomerCare@Solstice.com for more information. Additional information may also be found at the following links:

[EPA Comptox dashboard link](#)

[Pubchem link](#)

This product stewardship summary is intended to give general information about the chemical or categories of chemicals addressed. It is not intended to provide an in-depth discussion of all health and safety information. Additional information on the chemical is available through the applicable Material Safety Data Sheet which should be consulted before use of the chemical. The product stewardship summary does not supplant or replace required regulatory and/or legal communication documents. Statements concerning use of our products are made without warranty that any such use is free of patent infringement and are not recommendations to infringe any patent.