



Material Safety Data Sheet Phenylarsine oxide MSDS

Section 1: Chemical Product and Company Identification

Product Name: Phenylarsine oxide

Contact Information:

CAS#: 637-03-6

ProChem, Inc.
826 Roosevelt Rd.
Rockford IL 61109

RTECS: CH8100000

(800) 795-8788

TSCA: TSCA 8(b) inventory: Phenylarsine oxide

CI#: Not available.

CHEMTREC (24HR Emergency Telephone), call:
1-800-424-9300

Synonym: Arzene; Oxyphenylarsine

International CHEMTREC, call: 1-703-527-3887

Chemical Name: Phenylarsine Oxide

For non-emergency assistance, call: 1-281-441-4400

Chemical Formula: C₆H₅AsO

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Phenylarsine oxide	637-03-6	100

Toxicological Data on Ingredients: Phenylarsine oxide LD50: Not available. LC50: Not available.

Section 3: Hazards Identification

Potential Acute Health Effects:

Very hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation. Hazardous in case of skin contact (corrosive), of eye contact (corrosive). Severe over-exposure can result in death. Inflammation of the eye is characterized by redness, watering, and itching. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.

Potential Chronic Health Effects:

CARCINOGENIC EFFECTS: Not available.

MUTAGENIC EFFECTS: Not available.

TERATOGENIC EFFECTS: Not available.

DEVELOPMENTAL TOXICITY: Not available.

The substance may be toxic to kidneys, liver, central nervous system (CNS).

Repeated or prolonged exposure to the substance can produce target organs damage. Repeated exposure to a highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.

826 Roosevelt Rd. • Rockford, IL 61109 • (815) 398-1788 • Fax (815) 398-1810

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