

Common Name: **2,3,5-TRIS(1-AZIRIDINYL)-p-BENZOQUINONE**

Synonyms: p-Benzoquinone, 2,3,5-Tris(1-Aziridiny)-; Triaziquone

CAS No: 68-76-8

Molecular Formula: C₁₂H₁₃N₃O₂

RTK Substance No: 1461

Description: Purple, needle-like solid

HAZARD DATA

Hazard Rating	Firefighting	Reactivity
2 - Health 1 - Fire 0 - Reactivity DOT#: None ERG Guide #: None Hazard Class: None	2,3,5-Tris(1-Aziridiny)-p-Benzoquinone may burn, but does not readily ignite. Use dry chemical, CO ₂ , water spray or foam as extinguishing agents. POISONOUS GASES ARE PRODUCED IN FIRE. Use water spray to keep fire-exposed containers cool.	2,3,5-Tris(1-Aziridiny)-p-Benzoquinone may react with OXIDIZING AGENTS (such as PERCHLORATES, PEROXIDES, PERMANGANATES, CHLORATES, NITRATES, CHLORINE, BROMINE and FLUORINE); STRONG ACIDS (such as HYDROCHLORIC, SULFURIC and NITRIC); ISOCYANATES; and ANHYDRIDES. 2,3,5-Tris(1-Aziridiny)-p-Benzoquinone may react with REDUCING AGENTS (such as LITHIUM, SODIUM, ALUMINUM and their HYDRIDES) to produce flammable <i>Hydrogen gas</i> .

SPILL/LEAKS

Isolation Distance:

Spill: 25 meters (75 feet)

Fire: 800 meters (1/2 mile)

Moisten spilled material first or use a HEPA-filter vacuum for clean-up and place into sealed containers for disposal.

Clean spill area with Acetone, followed by washing with soap and water.

PHYSICAL PROPERTIES

Flash Point: May be combustible

Water Solubility: Slightly soluble

Melting Point: 324°F (180°C)

Molecular Weight: 231.25

EXPOSURE LIMITS

No occupational exposure limits have been established for **2,3,5-Tris(1-Aziridiny)-p-Benzoquinone**.

PROTECTIVE EQUIPMENT

Gloves: Nitrile, Neoprene and Natural Rubber

Coveralls: Tyvek®

Respirator: Spill: full facepiece APR with *P100 filters*
 Fire: SCBA

HEALTH EFFECTS

Eyes: Irritation

Skin: Irritation

Inhalation: Headache, nausea, vomiting, and dizziness

FIRST AID AND DECONTAMINATION

Remove the person from exposure.

Flush eyes with large amounts of water for at least 15 minutes. Remove contact lenses if worn. Seek medical attention.

Quickly remove contaminated clothing and wash contaminated skin with large amounts of soap and water.

Begin artificial respiration if breathing has stopped and CPR if necessary.

Transfer promptly to a medical facility.