



Section 1. Product and Company Identification

**Product Name** Antioxidant 1010  
**CAS Number** 6683-19-8

**Parchem - fine & specialty chemicals**  
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**New Rochelle, NY 10801**  
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Collect Calls Accepted

Section 2. Hazards Identification

**Classification of the substance or mixture**  
Not classified as a hazardous substance or mixture

**GHS Label Elements**

**Pictograms:** N/A  
**Signal word:** N/A

**Hazard and precautionary statements:**  
None

**Acute Health Effects:** Irritating to eyes and skin on contact. Inhalation causes irritation of the lungs and respiratory system. Inflammation of the eye is characterized by redness, watering, and itching. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering. Follow safe industrial hygiene practices and always wear proper protective equipment when handling this compound.

**Chronic Health Effects**

**Carcinogenic Effects:** Not available.  
**Mutagenic Effects:** Not available.  
**Teratogenic Effects:** Not available.  
**Developmental Toxicity:** Not available.

Repeated or prolonged exposure to this compound is not known to aggravate existing medical conditions

Section 3. Composition / Information on Ingredients

<b>Common Name</b>	Antioxidant 1010
<b>Synonym(s)</b>	Pentaerythrite Tetra-[[β-(3,5-di-tert-butyl-4-hydroxyphenyl)-propionate]
<b>Formula</b>	C <sub>73</sub> H <sub>108</sub> O <sub>12</sub>
<b>CAS Number</b>	6683-19-8

COMPONENT	CAS NUMBER	CONCENTRATION
Antioxidant 1010	6683-19-8	100%

Section 4. First Aid Measures

**Eye Exposure:** Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

**Skin Exposure:** In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

**Inhalation:** If the victim is not breathing, perform mouth-to-mouth resuscitation. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, oxygen can be administered. Seek medical attention if respiration problems do not improve.

**Ingestion:** INDUCE VOMITING by sticking finger in throat. Lower the head so that the vomit will not reenter the mouth and throat. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested; the absence of such signs, however, is not conclusive.

Section 5. Firefighting Measures

**Flammability:** May be combustible at high temperature

**Combustion Products:** These products are toxic carbon oxides (CO, CO<sub>2</sub>).

**Fire Hazards:** Not available.

**Explosion Hazards**

**Risks of explosion of the product in presence of mechanical impact:** Not available.

**Risks of explosion of the product in presence of static discharge:** Not available.

**Fire Fighting Media and Instructions**

**Small Fire:** Use DRY chemical powder.

**Large Fire:** Use water spray, fog, or foam. Do not use water jet. Consult with local fire authorities before attempting large scale fire-fighting operations



Section 6. Accidental Release Measures

**Spill Cleanup Instructions:** Use a shovel to put the material into a convenient waste disposal container. Finish cleaning the spill by rinsing any contaminated surfaces with copious amounts of water. Consult federal, state, and/or local authorities for assistance on disposal

Section 7. Handling and Storage

**Handling and Storage Information:** Keep away from heat. Mechanical exhaust required. When not in use, tightly seal the container and store in a dry, cool place. Avoid excessive heat and light. Do not breathe dust.

Section 8. Exposure Controls / Personal Protection

**Engineering Controls:** Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume, or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit

**Personal Protection:** Splash goggles. Lab coat. Dust respirator. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product. Be sure to use a MSHA/NIOSH approved respirator or equivalent.

**Exposure Limits:** Not available

Section 9. Physical and Chemical Properties

**Appearance:** White spherical particle

**Molecular Weight:** 1177.65

**Melting Range:** 57 - 72°C

**Assay:** ≥ 94.0%

**Volatile Matter:** ≤ 0.20%

**Solubility (10 g/100ml Toluene):** Clean

**Ash:** ≤ 0.10

**Transmittance (425nm):** ≥ 96.0%

**Transmittance (500nm):** ≥ 98.0%

Section 10. Stability and Reactivity

**Stability:** This material is stable if stored under proper conditions. (See Section VII for instructions)

**Hazardous Polymerization:** Avoid excessive heat and light.

**Conditions to Avoid:** Reactive with strong oxidizing agents



Section 11. Toxicological Information

**RTECS Data:** DA8340900

**Routes of Exposure:** Eye Contact. Ingestion. Inhalation

**Mutagenic Effects:** No data available

**Toxicity Data:** No data available

**Chronic Toxic Effects**

**Carcinogenic Effects:** Not available.

**Mutagenic Effects:** Not available.

**Teratogenic Effects:** Not available.

**Developmental Toxicity:** Not available.

Repeated or prolonged exposure to this compound is not known to aggravate existing medical conditions.

**Acute Toxic Effects:** No specific information is available in our data base regarding the toxic effects of this material for humans. However, exposure to any chemical should be kept to a minimum. Skin and eye contact may result in irritation. May be harmful if inhaled or ingested. Always follow safe industrial hygiene practices and wear proper protective equipment when handling this compound. Follow safe industrial hygiene practices and always wear proper protective equipment when handling this compound

Section 12. Ecological Information

**Ecological Information:** No information available

Section 13. Disposal Considerations

**Waste Treatment Methods:** Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

Section 14. Transport Information

**Transport Information:** No classification currently assigned

Section 15. Regulatory Information

**TSCA Chemical Inventory (EPA):** This compound is ON the EPA Toxic Substances Control Act (TSCA) inventory list

**WHMIS Classification (Canada):** On DSL

**EINECS Number (EEC):** 250-709-6

**EEC Risk Statements:** R36/37/38- Irritating to eyes, respiratory system and skin.

**Japanese Regulatory Data:** ENCS No. 3-3510



**HMIS**

**Health:** 1

**Flammability:** 2

**Reactivity:** 0

Section 16. Other Information

**Disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

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