


Section 1. Product and Company Identification

**Product Name** Pyrrolidinyl Diaminopyrimidine Oxide  
**CAS Number** 55921-65-8

**Parchem - fine & specialty chemicals**  
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EMERGENCY RESPONSE NUMBER  
CHEMTEL  
Toll Free US & Canada: 1 (800) 255-3924  
All other Origins: 1 (813) 248-0585  
Collect Calls Accepted

Section 2. Hazards Identification

**Classification of the substance or mixture**  
**Classification in accordance with UN GHS/EU Regulation EC 1272/2008**  
**Hazard Class and Category Code(s)** Acute Tox, Oral 4;

**GHS Label Elements**  
**Pictograms:**



**Signal word:** WARNING

**Hazard and precautionary statements**  
**Hazard Statement Codes**

H302 Harmful if swallowed

**Precautionary Statements**

P264 Wash hands thoroughly after handling.

P301 + P312 IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.

Section 3. Composition / Information on Ingredients

**Common Name** Pyrrolidinyl Diaminopyrimidine Oxide  
**Synonym(s)** 6-Pyrrolidino-2,4-diaminopyrimidine 3-oxide  
**CAS Number** 55921-65-8

COMPONENT	CAS NUMBER	CONCENTRATION
Pyrrolidinyl Diaminopyrimidine Oxide	55921-65-8	100%



#### Section 4. First Aid Measures

**General:** If exposed or concerned: Get medical advice/attention.

**Inhalation:** Remove to fresh air. If breathing has ceased give artificial respiration.

Obtain immediate medical attention

**Skin contact:** Remove contaminated clothing and wash affected area with soap and water immediately. If irritation or redness occurs obtain immediate medical attention.

**Eye contact:** Remove contact lenses, if worn and rinse open eye with at least 15 minutes under running water and apply sterile protective bandage. Obtain medical attention immediately.

**Ingestion:** Never give anything by mouth if patient is unconscious. Do not induce vomiting. Rinse mouth with water and obtain immediate medical attention.

**Other information:** Treat symptomatically

#### Section 5. Firefighting Measures

**Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide

**Exposure hazards:** Carbon oxides, nitrogen oxides

**Firefighting procedures:** Wear self-contained breathing apparatus and full protective clothing to prevent contact with skin and eyes.

**Protective equipment:** A self-contained breathing apparatus and suitable protective clothing should be worn by firefighters

#### Section 6. Accidental Release Measures

**Personal Precautions:** Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

**Environmental precautions:** Do not let product enter drains

**Disposal:** Disposal of waste in accordance with all applicable federal, state and local laws.

**Methods for cleaning up:** Take up mechanically or sweep up carefully and transfer to a suitable container for recovery or waste disposal (see section 13 disposal consideration). Avoid generation of dust. Ventilate the area and wash spill site after material pick-up is complete.

#### Section 7. Handling and Storage

**Handling:** Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection

**Storage:** Store in cool place. Keep container tightly closed in a dry and well ventilated place.



Section 8. Exposure Controls / Personal Protection

**Exposure limit:** No data available

**Exposure controls:** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

**Occupational exposure controls:** Wear recommended personal protective equipment as details below:

**Personal protection:** Chemical resistant gloves & safety glasses is must

**Respiratory protection:** Seek professional advice prior to respirator selection. Atmospheric level should be maintained below the exposure limit. If airborne concentrations is high use mask or respirator.

**Hand protection:** Wear chemical protective gloves

**Eye protection:** Wear safety glasses

**Skin protection:** Wear chemically protective clothing

**Work practices:** Eye wash facilities and a safety shower should be easily accessible. Before breaks and at the end of work thoroughly wash hands with soap and water. Wash contaminated clothing before use. Clean footwear before use.

**Environmental exposure controls:** All necessary precautions must be taken to avoid release into the environment. Refer to Local, State or National Legislations for environment and pollution control.

Section 9. Physical and Chemical Properties

**Form:** White to off-white crystalline powder

**Melting point/freezing point:** +270°C

**Solubility in water:** Very Slightly soluble

**Relative density:** No data available

**Vapor pressure:** No data available

**Vapor density:** No data available

**Reactivity in water:** No data available

Section 10. Stability and Reactivity

**Stable:** Stable and no hazardous polymerization.

**Conditions to avoid:** Usual precautions for handling of chemicals should be observed.

**Materials to avoid:** Avoid contact with oxidizing substances

**Reactivity:** No data available



Section 11. Toxicological Information

**Acute toxicity:** Acute Tox. 4  
**Ingestion:** Harmful if swallowed  
**Inhalation:** No data available  
**Skin contact:** No data available  
**Eye contact:** No data available

Section 12. Ecological Information

**Aquatic Toxicity:** No data available  
**Persistence and degradability:** No data available  
**Bioaccumulative potential:** No data available  
**Mobility in soil:** No data available  
**Other adverse effects:** No data 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

**ADR/RID:** Not dangerous goods  
**IMDG:** Not dangerous goods  
**IATA:** Not dangerous goods

Section 15. Regulatory Information

**Classification in accordance with UN GHS/EU Regulation EC 1272/2008**

**Hazard Class and Category Code(s):** Acute Tox, Oral 4;

**Hazard statement codes**

H302 Harmful if swallowed

**Precautionary statements**

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**R-Phrases**

R22 Harmful if swallowed

R36/37/38 Irritating to eyes, respiratory system and skin

**S-Phrases**

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S36 Wear suitable protective clothing



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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