



## Safety Data Sheet

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

Econazole Nitrate USP

30-2658

### Section 1: Identification

**Product Name** Econazole Nitrate USP

**Commercial Name** Not available.

**Product Use** Not available

**Restrictions On Use** Not available

**Product Code** 30-2658

**Company** PCCA  
9901 South Wilcrest  
Houston, TX 77099  
Phone: 1-800-331-2498  
Fax: 1-800-874-5760

In case of emergency contact:

**CHEMTREC (24hr) 1-800-424-9300**

### Section 2: Hazard(s) Identification

**OSHA Haz Com:** Acute Toxicity, oral (Category 4) Skin Corrosion (Category 1A) Eye Irritation (Category 2)

**CFR 1910.1200**

**Signal Word** WARNING

**Hazard Statement(s)** Harmful if swallowed. Causes skin irritation. Causes serious eye irritation.

**Pictogram(s) or Symbol(s)**



**Precautionary Statement(s):**

**Prevention**

P264 Wash thoroughly after handling. P270 Do not eat, drink or smoke when using this product.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

**Response**

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

P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P305 + P351 + P338 IF IN EYES:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing. P321 Specific treatment (see supplemental first aid instructions on this label).

P330 Rinse mouth.

P332 + P313 If skin irritation occurs: Get medical advice/ attention. P337 +

P313 If eye irritation persists: Get medical advice/ attention. P362 Take off contaminated clothing

and wash before reuse.

**Storage**

Not available.

**Disposal**

P501 Dispose of contents/ container to an approved waste disposal plant.

### Section 3: Composition/Information on Ingredients

**Substance/Mixture** Substrate

**Components** Econazole Nitrate USP

**% By Weight** 100

**CAS#** 69797-31-9

**Molecular Weight** 440.7 g/mole

**Chemical Formula** C<sub>18</sub>H<sub>15</sub>Cl<sub>3</sub>N<sub>2</sub>O<sub>3</sub>.HNO<sub>3</sub>

**Synonym(s)** 1-[2--[4-Chlorophenyl)methoxy]-2- 2,4-dichlorophenyl)ethyl]-1H-imidazole mononitrate

**Mixtures**

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Econazole Nitrate USP	69797-31-9	98.5 min	Not available.	Not available.

**Section 4: First-Aid Measures**

<b>Inhalation</b>	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
<b>Skin Contact</b>	Wash off with soap and plenty of water. Consult a physician.
<b>Eye Contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
<b>Symptoms/Effects</b>	
<b>Acute</b>	Not available.
<b>Delayed</b>	Not available
<b>Immediate Medical Attention</b>	
Not available.	

**Section 5: Fire-Fighting Measures****Suitable Extinguishing Media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Unsuitable Extinguishing Media**

Not available.

**Products of Combustion**

Carbon oxides, nitrogen oxides (NOx), Hydrogen chloride gas

**Firefighters Special Equipment and Precautions**

Wear self contained breathing apparatus for fire fighting if necessary.

**Section 6: Accidental Release Measures**

Personal Precautions and Emergency Procedures: Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Avoid breathing dust. Material Containment and Cleanup Procedures: Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal

**Section 7: Handling and Storage**

Precautions for Safe Handling Including Incompatible Products:: 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. Conditions for Safe Storage Including Incompatible Products: Keep container tightly closed in a dry and well-ventilated place.

**Section 8: Exposure Controls/Personal Protection**

<b>Exposure Limits</b>	Not available.
<b>Engineering Controls</b>	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
<b>Personal Protection</b>	Eye/face protection: Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Skin protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices, Wash and dry hands. Body Protection: Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Respiratory protection: For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Control of environmental exposure: Do not let product enter drains.

**Section 9: Physical and Chemical Properties**

<b>Appearance</b>	solid. (Solid powder.)		
<b>Odor</b>	Not available.		
<b>Odor Threshold</b>	Not available		
<b>Melting Point</b>	162°C (323.6°F)	<b>pH</b>	Not available
<b>Freezing Point</b>	Not available	<b>Vapor Pressure</b>	Not applicable.
<b>Boiling Point/Range</b>	Not available.	<b>Vapor Density</b>	Not available.
<b>Decomposition temperature</b>	Not available	<b>Viscosity</b>	Not available.
<b>Partition Coefficient: n-octanol/water</b>	Not available	<b>Evaporation Rate</b>	Not available
<b>Flash Point</b>	Non combustible	<b>Autoignition temperature</b>	Not applicable
<b>Flammability</b>	Not combustible	<b>Flammability or Explosive Limits:</b>	
		<b>Lower</b>	Not available
		<b>Upper</b>	Not combustible
<b>Solubility(ies)</b>	Very slightly soluble in cold water.		
<b>Other</b>	Not available.		

**Section 10: Stability and Reactivity**

<b>Reactivity</b>	Not available
<b>Chemical Stability</b>	Stable under recommended storage conditions.
<b>Hazardous Polymerization</b>	Not available
<b>Conditions to Avoid</b>	Not available.
<b>Incompatible Materials</b>	Not available.
<b>Hazardous Decomposition Products</b>	Not available.

**Section 11: Toxicological Information**

**RTECS** Not available.

**Acute Toxicity**

Not available.

**Skin Corrosion/Irritation**

Not available.

**Serious Eye Damage/Irritation**

Not available.

**Respiratory or Skin Sensitization**

Not available.

**Germ Cell Mutagenicity**

Not available.

**Carcinogenicity**

Not available.

**Reproductive Toxicity**

Not available.

**Routes of Entry**

Eye contact. Ingestion, skin contact.

**Symptoms Related to Exposure**

Not available.

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**Potential Health Effects**

Not available.

**Target Organ(s)**

Not available.

**Section 12: Ecological Information****Ecotoxicity**

Not available.

**Persistence and Degradability**

Not available.

**Bioaccumulative Potential**

Not available.

**Mobility in Soil**

Not available.

**Other Adverse Effects**

Not available.

**Section 13: Disposal Considerations****Waste Disposal**

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. DO NOT dump down drains.

**Disposal of Container**

Not available.

**Other Considerations**

Not available.

**Section 14: Transport Information****DOT Classification**

Not a DOT controlled material (United States). This material is not classified dangerous good according to international transportation regulations (ADR/RID-IMDG-ICAO/IATA).

**Section 15: Regulatory Information****Regulations**

US Federal and State Regulations: TSCA 8(b) inventory: No products were found. Other Regulations: Not available. Other Classifications: WHMIS (Canada): Not controlled under WHMIS (Canada). DSCG (EEC); R36/38- Irritating to eyes and skin. HMIS (U.S.A.): Health Hazard: 2 Fire Hazard: 1 Reactivity: 0 Personal Protection: E National Fire Protection Association (U.S.A.): Health: 2 Flammability: 1 Reactivity: 0

**Other**

Not available.

**Section 16: Other Information**

This information is given without any warranty or representation. It is believed to be correct but does not claim to be all inclusive and shall be used only as a guide. American International Chemical, Inc., shall not be held liable for any damage resulting from handling or contact with the above product. It is offered solely for your consideration, investigation and verification.