



## Safety Data Sheet

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

Imiquimod USP

30-4898

### Section 1: Identification

**Product Name** Imiquimod USP  
**Commercial Name** N/A  
**Product Use** N/A  
**Restrictions On Use** N/A  
**Product Code** 30-4898  
**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:** Eye irritation (Category 2B) Skin sensitization (Category 1) Acute toxicity, Oral (Category 3)  
**CFR 1910.1200**

**Signal Word** DANGER

**Hazard Statement(s)** Toxic if swallowed. May cause an allergic skin reaction. Causes eye irritation.

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



**Precautionary Statement(s):**

**Prevention** P261- Avoid breathing dust/fume/gas/mist/vapors/spray. P264- Wash hands thoroughly after handling.  
**Response** P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
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. P330 -Rinse mouth. P333+P313: If skin irritation or rash occurs: Get medical advice/attention  
P337+P313: If eye irritation persists: Get medical advice/attention. P363- Wash contaminated clothing before reuse.  
**Storage** N/A  
**Disposal** P501- Dispose of contents/container to an approved waste disposal plant.

### Section 3: Composition/Information on Ingredients

**Substance/Mixture** Substance  
**Components** Imiquimod  
**% By Weight** 100%  
**CAS#** 99011-02-6  
**Molecular Weight** 240.30 g/mol  
**Chemical Formula** C<sub>14</sub>H<sub>16</sub>N<sub>4</sub>  
**Synonym(s)** 1-(2-methyl propyl)-1H-imidazol[4,5-c] quinoline-4-amine

**Mixtures**

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
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**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>	Hold eye lids apart 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>	N/A
<b>Delayed</b>	N/A
<b>Immediate Medical Attention</b>	
N/A	

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

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

**Unsuitable Extinguishing Media**

A Solid water stream may be inefficient.

**Products of Combustion**

Not available.

**Firefighters Special Equipment and Precautions**

Wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

**Section 6: Accidental Release Measures**

Personal precautions: Use NIOSH approved personal protective equipment. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation. Evacuate personnel to safe areas. Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided. Methods for cleaning up: Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal in accordance with local regulations

**Section 7: Handling and Storage**

Handling: Use in a well-ventilated area and avoid raising dust. Prevent contact with skin & eyes. Minimize dust generation and accumulation. Storage : Store at 25° C under nitrogen atmosphere in a well closed and light resistant container

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

<b>Exposure Limits</b>	N/A
<b>Engineering Controls</b>	Facilities storing or utilizing this material should equip with an eye wash facility and a safety shower. Provide local exhaust ventilation. Ventilation equipment should be explosion-proof if explosive concentrations of dust or fumes are present. Contains no substances with occupational exposure limit values.
<b>Personal Protection</b>	Respiratory protection: Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Hand 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. Eye protection: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Skin and body protection: Choose body protection in relation to its type, to the concentration and amount of dangerous substance, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace Hygiene measures: Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

**Section 9: Physical and Chemical Properties**

<b>Appearance</b>	White to Off-White powder		
<b>Odor</b>	N/A		
<b>Odor Threshold</b>	N/A		
<b>Melting Point</b>	296-303 deg C	<b>pH</b>	N/A
<b>Freezing Point</b>	N/A	<b>Vapor Pressure</b>	N/A
<b>Boiling Point/Range</b>	N/A	<b>Vapor Density</b>	N/A
<b>Decomposition temperature</b>	N/A	<b>Viscosity</b>	N/A
<b>Partition Coefficient: n-octanol/water</b>	N/A	<b>Evaporation Rate</b>	N/A
<b>Flash Point</b>	N/A	<b>Autoignition temperature</b>	N/A
<b>Flammability</b>	N/A	<b>Flammability or Explosive Limits:</b>	
		<b>Lower</b>	N/A
		<b>Upper</b>	N/A
<b>Solubility(ies)</b>	Soluble in water		
<b>Other</b>	N/A		

**Section 10: Stability and Reactivity**

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

**Section 11: Toxicological Information**

<b>RTECS</b>	N/A
<b>Acute Toxicity</b>	N/A
<b>Skin Corrosion/Irritation</b>	N/A
<b>Serious Eye Damage/Irritation</b>	N/A
<b>Respiratory or Skin Sensitization</b>	Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals.
<b>Germ Cell Mutagenicity</b>	N/A
<b>Carcinogenicity</b>	Not listed.
<b>Reproductive Toxicity</b>	N/A
<b>Routes of Entry</b>	N/A
<b>Symptoms Related to Exposure</b>	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.



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### Potential Health Effects

Inhalation: May be harmful if inhaled. Causes respiratory tract irritation. Skin: May be harmful if absorbed through skin. Causes skin irritation. Eyes: Causes eye irritation. Ingestion: May be fatal if swallowed.

**Target Organ(s)** N/A

### Section 12: Ecological Information

#### Ecotoxicity

N/A

#### Persistence and Degradability

N/A

#### Bioaccumulative Potential

N/A

#### Mobility in Soil

N/A

#### Other Adverse Effects

Avoid release into environment

### Section 13: Disposal Considerations

#### Waste Disposal

Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

#### Disposal of Container

Non-contaminated packaging may be treated like household waste or recycled.

#### Other Considerations

N/A

### Section 14: Transport Information

#### DOT Classification

DOT (US): UN-Number: 2811, Class: 6.1. Packing group: III; Proper shipping name: Toxic solids, organic, n.o.s. (Imiquimod); Marine pollutant: No; Poison Inhalation Hazard: No

### Section 15: Regulatory Information

#### Regulations

Imiquimod: OSHA Hazards: Highly toxic by ingestion. Irritant DSL Status: This product contains the following components that are not on the Canadian DSL nor NDSL lists. Imiquimod. CAS-No. 99011-02-6 SARA 302 Components: SARA 302: No chemical in this material are subject to the reporting requirements of SARA Title III, Section 302. SARA 313 Components: SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title II. Section 313 SARA 311/312 Hazards: Acute Health Hazard California Prop. 65 Components: This product does not contain any chemicals Known to State of California to cause cancer, birth defects, or any other Reproductive harm.

#### Other

N/A

### Section 16: Other Information

N/A