



---

## Material Safety Data Sheet

**Name:** ACP (Annealing Control Primer)

Hazard identified with this product are those associated with the following component(s). Refer to the material safety data sheet(s) for the listed item(s).

### **Label precautionary statements**

Irritant

Irritating to eyes, respiratory system and skin.

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

Wear suitable protective clothing.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. BioGene shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

# Material Safety Data Sheet

**This MSDS is for a component:** ACP

**Name:** ACP

We are not aware of any hazard for the above product.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. BioGene shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

# Material Safety Data Sheet

This MSDS is for a component: ACP

Name: ACP

## Section 1. chemical identification

Name: ACP

Chemical name: sequence specific

Product use: various molecular technique

## Section 2. composition/information of ingredients

Formula: sequence dependent  
MW: sequence dependent

## Section 3. physical data

Appearance: white to clear crystals  
Odor: none  
Solubility in water: soluble

## Section 4. fire and explosion hazard data

Flash point: noncombustible  
Autoignition: N/A  
Flammable limits: unpper – n/a  
lower – n/a  
Extinguishing media: water, foam, carbon dioxide or dry chemical, as suitable for surrounding fire and materials.  
Special fire fighting procedures: wear self-contained breathing apparatus and full protective clothing.  
Unusual fire and explosion hazard: none known.

## Section 5. health hazard data

Toxicity data:	threshold limit value – established.
Effect of overexposure:	
Eyes:	no known toxicity, but contact may cause irritation.
Skin:	no known toxicity, but contact may cause irritation and/or allergic reaction.
Inhalation:	no known toxicity.
Ingestion:	no known toxicity, but may cause irritation of mouth, throat, esophagus and gastrointestinal tract.
Emergency and first aid procedures:	
Skin contact:	flush with water, then wash thoroughly with soap and water. Remove contaminated clothing and wash before reuse. Call a physician if irritation persists.
Eye contact:	flush with water for 15 minutes and call a physician if irritation persists.
Inhalation:	move to fresh air. If breathing is difficult, give oxygen. If not breathing give artificial respiration. Keep victim quiet and warm. Call a poison control center or physician immediately.
Ingestion:	call a poison control center or a physician. If victim is conscious, give large amount of water or milk to dilute. Never induce vomiting or give liquids to someone who is unconscious.

## Section 6. reactivity data

Stability:	stable material, hazardous polymerization will not occur.
Decomposition products:	toxic oxides of carbon may evolve when heated to decomposition.

## Section 7. spill or leak procedures

If a spill occurs:	<p>prior to cleaning up a spill, personnel should wear OSHA approved respirator, chemical resistant gloves and protective clothing. Wipe with a damp towel and place material in a suitable container for disposal.</p> <p>Avoid post-cleanup contact of material or protective gear with the skin or eyes.</p> <p>Use adequate ventilation during all phases of the cleanup.</p>
Waste disposal method:	dispose of residue in accordance with federal, state, and local regulations.

## **Section 8. storage and handling**

Storage: store at maximum of room temperature.  
Handling precautions: do not get material on skin, in eyes or on clothing. Wear protective clothing, chemical resistant gloves, safety goggles, and wash thoroughly after handling. No food, beverages, cosmetics, or tobacco products should be carried, stored or consumed where this chemical is used.

## **Section 9. toxicological information**

Acute effects  
Cause skin irritation.  
May be harmful if absorbed through the skin.  
Cause eye irritation.  
May be harmful if inhaled.  
Material is irritating to mucous membranes and upper respiratory tract.  
May be harmful if swallowed.  
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

## **Section 10. transport information**

Not dangerous and not infectious

## **Section 11. other information**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Seegene shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

License granted to make unlimited paper copies for internal use only.