

Poly-Pore® 350DA
Delivery System for Dihydroxyacetone

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MSDS Name: Poly-Pore® 350DA

Company Identification: **AMCOL Health & Beauty Solutions**
301 Laser Lane
Lafayette, LA 70507

For information in North America, call: 800-261-8032 or 337-232-6838
For emergencies in the US, call CHEMTREC: 800-424-9300

SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

Chemical Name: Allyl Methacrylates Crosspolymer
CAS#: [182212-41-5]
EINECS #: [Polymer Exemption]

Dihydroxyacetone
CAS#: [96-26-4]
EINECS#: [202-494-5]

SECTION 3 - HAZARDS IDENTIFICATION

Appearance: White to off-white powder.
Target organs: Not available.

Potential Health Effects

- Eye: May cause irritation.
- Skin: May cause irritation.
- Ingestion: Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful.
- Inhalation: Breathing small amounts of this material during normal handling is not expected to cause harmful effects. Breathing large amounts may be harmful.
- Chronic: Not available.

SECTION 4 - FIRST AID MEASURES

- Eyes: Immediately flush eyes with copious amounts of water for at least 15 minutes.
Skin: Immediately wash skin with soap and copious amounts of water. Remove contaminated clothing.
Ingestion: Do not induce vomiting due to aspiration hazard. If vomiting occurs, lower head below the knees to avoid aspiration. Seek immediate medical attention.
Inhalation: Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Seek immediate medical attention.

SECTION 5 - FIRE FIGHTING MEASURES

- General Information: As in any fire, wear a self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. This product contains sodium chlorite which is a strong oxidizer.
Extinguishing Media: In case of fire use water spray, carbon dioxide, dry chemical powder or appropriate foam.
Autoignition Temperature: Not available.
Flash Point: Not available.
NFPA Rating: Not rated.
Explosion Limits: Not available

SECTION 6 - ACCIDENTAL RELEASE MEASURES

- Spills/Leaks: Mist lightly with soapy water to avoid generating airborne dust. Absorb with a clean dry cloth. Do not vacuum, due to dust explosion hazard.

SECTION 7 - HANDLING AND STORAGE

- Handling: Caution: product may form an explosive dust cloud. Electrical equipment should be grounded to prevent accidental ignition. Avoid breathing dust. Wash thoroughly after handling.
Storage: Store in a refrigerated, dry place.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

- Engineering Controls: Facilities storing or utilizing this material should be equipped with an eye wash facility and a safety shower. Static electricity may ignite dust/air mixture.
Exposure Limits: Not available
Personal Protective Equipment: Safety glasses or goggles, gloves and respiratory protection recommended.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Composition: Copolymer of ally methacrylate and ethylene glycol dimethacrylate and dihydroxyacetone.
Physical State: White to off-white powder.

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability: Stable
Conditions to Avoid: Light, Extreme heat
Incompatibilities with Other Materials: None known
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide and hydrocarbons. Exposure to acids or chlorine compounds can produce uncontrolled generation of chlorine dioxide gas.

SECTION 11 - TOXICOLOGICAL INFORMATION

CAS #: [182212-41-5]

Acute:

Oral: > 2000 mg/kg (rat)
Dermal: > 2000 mg/kg (rat)
Ocular: Not a primary eye irritant (rabbit).
Oral: LD50 > 2000 mg/kg (rat)

Repeat Dose:

Human RIPT: No evidence of induced contact hypersensitivity.

CAS #: [96-26-4]

Acute:

Oral: > 16000 mg/kg (rat)

Repeated or prolonged exposure to the substance can produce target organ damage (eyes, lungs, respiratory tract and skin)

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: Not available.
Environmental Fate: Not available.
Physical/Chemical: Not available.
Other: Not available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of according with all federal, state and local regulations.

SECTION 14 - TRANSPORT INFORMATION

Not regulated.

SECTION 15 - REGULATORY INFORMATION

This product is not listed on the TSCA, not listed as hazardous under any other U.S. regulatory laws such as the Clean Air Act, Clean Water Act and OSHA. No information is available on the international regulatory status for the product. The product is intended for cosmetic preparations.

SECTION 16 - ADDITIONAL INFORMATION

Date: May 2006

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall AMCOL Health and Beauty Solutions be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, however arising, even if HBS has been advised of the possibility of such damages.