

PRODUCT NAME: POLARGEL® UV 3025-02

Section I MANUFACTURER'S INFORMATION

Manufacturer's Name and Address:
 AMCOL Health and Beauty Solutions, Inc.
 301 Laser Lane
 Lafayette, LA 70507

Date Prepared: October 2007
Telephone Number: 337-354-1040
Fax Number: 337-354-1055

Section II COMPOSITION

PRODUCT IDENTIFICATION:

Chemical Name: Mixture including Zinc Oxide, Bentonite, Titanium Dioxide, Water, Picea Excelsa Extract, Sodium Polyacrylate, Sodium Borate, Butylene Glycol

Chemical Family: Mixture

Formula: Proprietary

NFPA/HMIS: Health - 0, Fire - 0, Reactivity - 0, Specific Hazard - *See Section VI.*

DOT Class: Not Regulated

HAZARDOUS COMPONENTS:

(Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	NIOSH	% (optional)
Quartz: CAS No. 14808-60-7 (naturally occurring constituent)	-	-	-	< 2%
Respirable Fraction:	10%/SiO ₂ + 2 mg/m ³	50 µg/m ³	50 µg/m ³	
Zinc Oxide: CAS 1314-13-2				10-20%
Respirable Fraction:	5 mg/m ³	3 mg/m ³	-	-
Total Dust:	15 mg/m ³	10 mg/m ³	-	-
Titanium Dioxide: CAS 13463-67-7	15 mg/m ³	10 mg/m ³	-	2-12%

*** WARNING:** This product contains a small amount of respirable quartz that may cause delayed respiratory disease if inhaled over a prolonged period. Avoid breathing dust. Use NIOSH/MSHA approved respirator where TLV for quartz may be exceeded. IARC Monographs on the evaluation of the Carcinogenic Risk of Chemicals to Humans (volume 68, 1997) concludes that quartz is carcinogenic to humans (IARC classification 1). This product is provided in a non-respirable form, so that the risk from any of these dangers is minimized.

OSHA PEL – OSHA Permissible Exposure Limit, 8 hour Time-Weighted Average Day

ACGIH TLV – American Conference of Governmental Industrial Hygienists Threshold Limit Value, 8 hr day, 40 hr. wk.

NIOSH REL – National Institute for Occupational Safety and Health, Recommended Exposure Limit, 8 hr day, 40 hr wk.

National Institute for Occupational Safety and Health (NIOSH) has recommended that the permissible exposure limit be changed to 50 micrograms respirable free silica per cubic meter of air (0.05 mg/ m³) as determined by a full shift sample up to a 10-hour working day, 40 hours per week. See: 1974 NIOSH criteria for a recommended Standard for Occupational Exposure to Crystalline Silica for more detailed information.

Section III POSSIBLE HAZARDS

This product contains small amounts of crystalline quartz, CAS 1408-60-7, and ZnO, CAS 1304-13-2, but in a non-respirable form

Section IV FIRST AIDE MEASURES

Inhalation: Immediately remove victim to fresh air. If victim has stopped breathing give artificial respiration and seek medical assistance.

Skin Contact: Immediately flush skin with water while removing contaminated clothing. Wash contaminated clothing before reuse. Should irritation occur, seek professional medical attention.

Eye Contact: Immediately flush eyes with plenty of cool water for at least 15 minutes. Do not let victim rub eyes. Seek professional help

Section V FIRE FIGHTING MEASURES

Extinguishing Media - Any available medium, although non-flammable as supplied

Special Firefighting Procedures - None known

Unusual Fire/Explosion Hazards -None known

Section VI ACCIDENTAL RELEASE

Personal Protection: Wear appropriate protective clothing

Environmental Precautions: None known

Methods for Cleaning Up: Contain spill materials. Wash area with water.

Section VII HANDELING AND STORAGE

Handling and Storing Precautions: Store in a cool, dry place. Avoid container damage while handling and storing.

Section VIII EXPOSURE CONTROL AND PERSONAL PROTECTION

Protective Gloves: Recommended.

Eye Protection: Safety glasses or goggles recommended.

Other Protective Clothing or Equipment: As appropriate for work environment.

Section IX PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	- ca. 212° F (at 760 mm Hg)	Specific Gravity (Water = 1.0)	- ca. 1.5
Freezing Point	- ca. 32° F	Solubility in Water	- N/A
Melting Point	- N/A	Evaporation Rate (Butyl Acetate = 1.0)	- N/A
Vapor Density (Air = 1.0)	- N/A	Vapor Pressure (mm Hg)	- N/A
Appearance and Odor	- Opaque fluid with negligible odor.	Flash Point	- N/A

Section X REACTIVITY DATA

Stability: Stable - X	Conditions to Avoid: None Known
Incompatibility (<i>Materials to Avoid</i>): Strong oxidizing agents	
Hazardous Decomposition or By-products: None Known	
Hazardous Polymerization: Will Not Occur - X	Conditions to Avoid: None Known

Section XI TOXICOLOGICAL INFORMATION

Route(s) of Exposure: Skin? Yes	Ingestion? Yes	Inhalation? No
Health Hazards (Acute and Chronic): May cause irritation to skin and eyes. However, product is generally considered non-hazardous. Do not take internally.		
Medical Conditions Generally Aggravated by Exposure: None Known		
Signs and Symptoms of Exposure: Irritation, redness of skin		
Medical Conditions Generally Aggravated by Exposure: Unknown		

Section XII ECOLOGICAL

Degradability: Not known.

Section XIII DISPOSAL CONSIDERATIONS

Product:	Dispose of in conformance with applicable laws and regulations.
Container:	Dispose of in conformance with applicable laws and regulations.

Section XIV TRANSPORT INFORMATION**Transportation Data - U.S. DOT Hazard Classification**

Proper Shipping Name:	Not regulated	Hazard Class/Packing Group:	N/A
Technical Name:	N/A	UN Number:	N/A
Labels Required:	None	DOT Packaging Requirements:	N/A
Exceptions:	N/A		

Section XV REGULATORY INFORMATION

SARA Section 313: This product contains the following chemicals subject to annual release reporting requirements under the SARA section 313 (40 CFR 372): ZnO

CERCLA Section 103 Reportable Quantity: None

Toxic Substances Control Act: All of the components of this product are listed on the EPA TSCA Inventory or are exempt from notification requirements.

Section XVI OTHER INFORMATION

The information herein has been compiled from sources believed to be reliable and is accurate to the best of our knowledge. However, AMCOL Health and Beauty Solutions cannot give guarantees regarding information from other sources, and expressly does not make any warranties, nor assumes any liability, for its use.