

MATERIAL SAFETY DATA SHEET

DECOLORIZING SOLUTION (GRAM 3)

Delasco Dermatologic Lab & Supply, Inc.
608 13th Ave., Council Bluffs, IA 51501 1-712-323-3269
www.delasco.com questions@delasco.com

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Product/Chemical Name: ACETONE/ETHER

Formula: CH₃COCH₃; C₄H₁₀O

Physical Description: Volatile, highly flammable liquid, pungent odor, sweetish taste

Boiling Point: unknown Specific gravity: unknown

Cercla Rating (Scale 0-4) Health = 2 Fire = 4 Reactivity = 1 Persistence= 1

Special Hazards: Self-contained breathing apparatus is required

Exposure Limits: Ethyl Ether 400 ppm OSHA TWA; Acetone 750 TLV ACGIH

Unusual Fire/Explosion Hazards: Caution: Material is highly flammable

Reactivity: Due to solvent properties, keep away from plastic jewelry, pens, eyeglass frames, and rayon clothing.

Hazardous Decomposition Products: Keep away from materials that should not be stored near flammable liquid of low flash.

Spill or Leak Procedures

Action: Absorb liquid on paper, evaporate in fume hood, discard paper.

Disposal Method: To be performed in compliance with all current local, state and federal regulations.

Threshold Limit Value: 1,000 ppm

Overexposure Effects: Prolonged or repeated skin exposure may produce erythema and dryness. Inhalation in large amounts may cause narcosis.

First Aid Procedures

Skin: Remove contaminated clothing and shoes immediately. Wash area with large amounts of water for at approx. 15-20 minutes until no evidence of chemical remains.

Eye: Check for and remove any contact lenses. Wash eyes immediately with large amounts of water or normal saline until no evidence of chemical remains (approx. 15-20 minutes). Get medical attention immediately.

Ingestion: Check for and remove any dentures. If victim is conscious, induce vomiting by giving tbsps of salt in glass of warm water. Repeat until vomit fluid is clear. Get medical attention immediately.

Inhalation: Move victim to fresh air if the atmosphere is contaminated. Apply CPR if victim stops breathing. Get medical attention immediately.

Storage Recommendations: Store at room temperature.

Special Protection Information

Exhaust ventilation recommended. Gloves and safety glasses recommended.

Have all-purpose canister mask available.

Special Handling Precautions

Dot Hazard Class: Flammable liquid. Keep container closed when not in use.