

MATERIAL SAFETY DATA SHEET

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GENERAL INFORMATION

Product

ACTI-VATE B

Manufacturer

Superco Specialty Products
25041 Anza Drive
Valencal, CA. 91355
Phone 661-775-8877
Fax 661-775-8883

NFPA RATING

0 = Non-Hazardous
1 = Slight Hazard
2 = Hazardous
3 = Extreme Hazard
4 = Deadly



Product Number

5165

Chemical Family

Cyclic Terpene Blend

DOT Classification

Non Regulated Soaps
& Detergents

SECTION 2 - HAZARDOUS INGREDIENTS

Chemical Name	CAS Number	% By Vol.	Exposure Limits in Air ACGIH (TLV) OSHA (PEL)
Delimonine	5989-27-5	95.00%	2 PPM 2 PPM

SECTION 3 - HEALTH HAZARD DATA

Effects of Overexposure

- Skin:** When the concentrated form of this product comes in contact with the skin it may cause slight to moderate irritation. There is also the possibility of defatting of the skin due to the removal of the skins natural oils.
- Eyes:** When this product comes in contact with the eyes or eyelids it may cause slight to moderate irritation to the eyes and immediate areas.
- Ingestion:** When concentrated solutions of this product are swallowed discomfort of the stomach and intestinal tract may occur.
- Inhalation:** Fumes from this product are generally considered non - toxic, and pose no safety or health threat.

First Aid Procedures

- Skin:** If skin comes in contact with product: Flush exposed area with cool water for 15 minutes. Consult a physician if irritation persists.
- Eyes:** If this product comes in contact with eyes; flush eyes with luke warm water for 15 minutes and consult a physician as a precaution or if irritation persists.
- Ingestion:** **DO NOT INDUCE VOMITING.** Have patient drink large amounts of milk or plain water. Consult a physician immediately.
- Inhalation:** Remove to clean atmosphere and consult physician as a precaution or if irritation persists.

Carcinogens

The hazardous ingredients contained in this product are NOT listed on the following regulatory lists of suspected carcinogens: Federal OSHA, National Toxicology Program (NTP), International Agency for Reasearch on Cancer (IARC), State of California - OSHA

SECTION 4 - SPILL, LEAK, AND DISPOSAL PROCEDURES

Spill and Leak Control

- Small Spill / Leaks:** Flush area with water to an industrial sewer line.
- Large Spill / Leaks:** Contain spill with dikes of absorbent materials such as clay, sand, or vermiculate. This material is considered non-hazardous.

Waste Disposal

All hazardous waste must be solidified and disposed of in an EPA approved class one disposal facility. When disposing of chemicals contact local, state, and federal environmental agencies to fully understand the necessary regulations governing the disposal of chemical wastes.

SECTION 5 - FIRE AND EXPLOSION HAZARDS

Flashpoint: 135°F

Testing Method: Cleveland Closed Cup

Flammable Limits in Air: Combustible

Upper Explosion Limits: 0.0 Percent

Lower Explosion Limits: 0.0 Percent

Fire Extinguishing Materials: Water, Sand, CO₂, Dry Foam, Halon

Special Fire Fighting Materials: This product is combustible.

Unusual Fire & Explosion Hazards: Keep away from heat and flame.

Hazardous Polymerization: Under fire conditions hazardous polymerization will not occur.

SECTION 6 - PHYSICAL DATA

Boiling Point: 356 ° F

Specific Gravity: (Water = 1.00): 0.839

Vapor Pressure: Not Appl.

Percent Volatiles: 96.0%

Vapor Density: Not Appl.

Evaporation Rate (Water = 1.00): 0.955

pH (Concentrate): N/A

pH (1% Solution): 8.00

Solubility in Water: This product is emulsifiable in water.

Appearance and Odor: Clear orange liquid with a citrus scent.

SECTION 7 - PERSONAL PROTECTION INFORMATION

Respiratory Protection: None Required

Eye Protection: When handling any chemical product it is recommended that proper protection of the eyes be worn.

Protective Gloves: When handling any chemical product it is recommended that proper protection of the skin and hands be worn.

Other Equipment: None

SECTION 8 - SPECIAL PRECAUTIONS

- Chemicals can be hazardous if not respected. The use of proper equipment and procedures for handling chemicals are not only of benefit for their obvious uses, but can reduce the possibility of serious injury and lost time accidents.
- Keep this material away from high heat and observe proper housekeeping procedures.
- DO NOT mix chemicals unless instructed by qualified personnel.

SECTION 9 - FOOTNOTES

- Sources:**
- 1) Dangerous Properties of Industrial Materials; Sax , 6th Edition
 - 2) Handbook of Toxic and Hazardous Chemicals and Carcinogens; Sittig, 2nd Edition
 - 3) Condensed Chemical Dictionary; Hawley, 10th Edition
 - 4) TLV's and Biological Exposure Indices for 1985-1986; ACGIH, 2nd Printing
 - 5) Director's List of Hazardous Substances; State of California, 1st Printing
 - 6) Title 29 CFR parts 1900 to 1910, Revised as of July 1, 1984
 - 7) Documentation of TLV's and BEI's; ACGIH, 5th Edition
 - 8) Guidelines for the selection of Chemical Protective Clothing; ACGIH, 2nd Printing
 - 9) Emergency Response Guidebook; U.S. Department of Transportation, 1984 Edition

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