

# Material Safety Data Sheet: SPECTRAL.DNC

---

## \*\*\* Section 1 – Chemical Product and Company Identification \*\*\*

**Chemical Name:** Spectral.DNC

**Product Use:** Hair Growth Stimulating Spray

**Manufacturer Information:**

**DS Laboratories, Inc.**

**1680 Meridian Ave,**

**Miami Beach, FL 33139**

**USA**

## \*\*\* Section 2 - Composition / Information on Ingredients \*\*\*

**Component Information/Information on Non-Hazardous Components**

**This product is non-hazardous and is not transport regulated.**

## \*\*\* Section 3 – Hazards Identification \*\*\*

**Emergency Overview**

No particular hazards known.

**Potential Health Effects: Eyes**

This product will cause irritation to the eyes.

**Potential Health Effects: Systemic overexposure**

**Potential Health Effects: Ingestion**

Contact a physician or poison control center.

Potential Health Effects: Inhalation

Remove from exposure.

**HMIS Ratings: Health: 1 Fire: 1 Reactivity: 0 Pers. Prot.: None required.**

**Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe \* = Chronic hazard**

## \*\*\* Section 4 - First Aid Measures \*\*\*

**First Aid: Eyes**

In case of contact, immediately flush with large amounts of water, continuing to flush for 15 minutes. If irritation persists get medical attention.

**First Aid: Skin**

Wash with soap and water. Remove contaminated clothing.

**First Aid: Ingestion**

If material is swallowed, get medical attention or contact poison control center.

**First Aid: Inhalation**

Remove from exposure.

## \*\*\* Section 5 - Fire Fighting Measures \*\*\*

**General Fire Hazards**

**None.**

**Upper Flammable Limit (UFL): Not determined**

**Lower Flammable Limit (LFL): Not determined**

**Method Used: N/E**

**Flash Point: ~100°C**

**Flammability Classification:**

**Auto Ignition: Not determined**

**Hazardous Combustion Products**

**Oxides of carbon and sulfur.**

**Extinguishing Media**

**Dry chemical, foam, carbon dioxide, water fog.**

**Fire Fighting Equipment/Instructions**

**NFPA Ratings: Health: 1 Fire: 1 Reactivity: 0**

**Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe**

**\*\*\* Section 6 - Accidental Release Measures \*\*\***

**Containment Procedures**

Absorb spill with inert material.

**Clean-Up Procedures**

Absorb spill with inert material. Shovel material into appropriate container for disposal. Flush small residuals to the drain for normal biological wastewater treatment.

**Evacuation Procedures; None.**

**Special Procedures**

Spilled product may create slippery conditions. Exercise caution in spill area.

**\*\*\* Section 7 - Handling and Storage \*\*\***

**Handling Procedures**

**No special requirements.**

**Storage Procedures**

**Protect from freezing or extreme heat.**

**\*\*\* Section 8 - Exposure Controls / Personal Protection \*\*\***

Exposure Guidelines A: General Product Information

OSHA exempt B: Component Exposure Limits

No information is available.

Engineering Controls None necessary.

**PERSONAL PROTECTIVE EQUIPMENT**

Personal Protective Equipment: Eyes/Face

Avoid eye contact.

Personal Protective Equipment: Skin

Avoid skin contact other than for intended use.

Personal Protective Equipment: Respiratory

None.

Personal Protective Equipment: General

Obey reasonable safety precautions and practice good housekeeping.

**\*\*\* Section 9 - Physical & Chemical Properties \*\*\***

**Appearance:** Yellow, low viscosity liquid **Odor:** perfume fragrance

**Physical State:** liquid **pH:** 4.5

**Vapor Pressure:** N/E **Vapor Density:** N/E

**Boiling Point:** ~100° C **Melting Point:** N/E

**Solubility (H2O):** N/E ~0.55 g/cm

**\*\*\* Section 10 - Chemical Stability & Reactivity Information \*\*\***

**Chemical Stability**

Stable under usual application conditions.

**Chemical Stability: Conditions to Avoid**  
None.

**Incompatibility**

**Hazardous Decomposition**

Oxides of carbon and sulfur.

**Hazardous Polymerization**

Hazardous polymerization will not occur.

**\*\*\* Section 11 - Toxicological Information \*\*\*****Acute and Chronic Toxicity**

**A: EYE IRRITATION:** Minimally irritating.

**B. SKIN LD50 (RAT):** >2007 mg/kg (minoxidil)

**C. ORAL LD50 (MOUSE):** 2,457 mg/kg (minoxidil)

**Carcinogenicity**

**A: Genotoxicity:** Minoxidil was not mutagenic in the Ames test or the rat micronucleus test.

**B: Carcinogenicity:** No evidence for carcinogenicity was detected in rats or rabbits when minoxidil was applied to the skin for up to 1 year.

**\*\*\* Section 12 - Ecological Information \*\*\*****Ecotoxicity**

**A: General Product Information**

No information available.

**B: Component Analysis - Ecotoxicity - Aquatic Toxicity**

No information available,

**Environmental Fate**

No information available for the product.

**\*\*\* Section 13 - Disposal Considerations \*\*\*****US EPA Waste Number & Descriptions**

**A: General Product Information**

Controlled release of diluted product into a biological wastewater treatment plant.

**B: Component Waste Numbers**

No EPA Waste Numbers are applicable for this product's components.

**Disposal Instructions**

Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

**\*\*\* Section 14 - Transportation Information \*\*\*****International Transportation Regulations**

This product is not regulated as a hazardous material by the United States (DOT) or Canadian (TDG) transportation regulations.

**\*\*\* Section 15 - Other Information \*\*\*****Other Information**

Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to

**this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use.**

**Key/Legend**

**Contact: Product compliance officer**