

# MATERIAL SAFETY DATA SHEET

## DIMETHYLGLYOXIME 1% ALCOHOLIC SOLUTION

**Delasco Dermatologic Lab & Supply, Inc.**  
608 13th Ave., Council Bluffs, IA 51501 I-712-323-3269  
[www.delasco.com](http://www.delasco.com) [questions@delasco.com](mailto:questions@delasco.com)  
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**Product/Chemical Name:** DIMETHYLGLYOXIME 1% in Methanol (Component of SpotTest for Nickel kit)

**Formula:** Molecular formula  $C_4H_8N_2O_2 \cdot CH_3OH$

**Physical Description:** Clear liquid with alcohol odor

**Special Hazards:** Ingestion of methanol can cause blindness and death.

**Unusual Fire/Explosion Hazards:** Solvent alcohol is flammable liquid. Thermal decomposition may result in toxic oxides of carbon.

**Reactivity:** Stable

**Hazardous Decomposition Products:** N/A

### Spill or Leak Procedures

**Action:** For small spills take up with sand or other absorbent material and place into clean, dry containers for later disposal.

**Disposal Method:** To be performed in compliance with all current local, state & Federal Regulations.

**Threshold Limit Value:** Methanol: 200 ppm (262 MG/M<sup>3</sup>) OSHA TWA (skin); 250 ppm (328 MG/M<sup>3</sup>) OSHA STEL & ACGIH STEL; 250 ppm (328 MG/M<sup>3</sup>) NIOSH RECOMMENDED STEL.

**Overexposure Effects:** Irritation to skin, recurrent headaches, marked diminution of vision and enlargement of the liver.

**Potential Carcinogen:** No

### First Aid Procedures

**Skin:** Remove contaminated clothing and shoes immediately. Wash affected area with soap and large amounts of water until no evidence of chemical remains (approx 15-20 minutes).

**Eyes:** Check for and remove any contact lenses. Wash eyes immediately with large amounts of water or normal saline occasionally lifting upper & lower lids, until no evidence of chemical remains (approx 15-20 minutes). Get medical attention immediately

**Ingestion:** Check for and remove any dentures. Treat symptomatically and supportively. Get medical attention immediately. If vomiting occurs, keep head lower than hips to prevent aspiration.

**Inhalation:** Remove from exposure area to fresh air. If breathing has stopped perform CPR. Get medical attention immediately.

### Special Protection Information

Eye protection and rubber gloves is recommended.

### Special Handling Precautions

Do not spill on skin or get in eyes.