

# COPPERHEAD CHEMICAL COMPANY®

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Product Information Bulletin for:

## **SDM® 36** **Diluted Nitroglycerin, USP** **5% Nitroglycerin in Ethyl Alcohol**

(1 part Nitroglycerin to 19 parts Ethyl Alcohol by Weight – 190 Proof)

### General Characteristics:

Description	Diluted Nitroglycerin Solution
Appearance @ 25°C	Clear, Colorless to Pale Yellow Liquid
Specific Gravity @ 25°C / 25°C	Approximately 0.81

### Standard Specifications:

Identification	Matches Standard
Organic Impurities	3.0% max on NG content with NMT 2.0% of any Individual Related Substance
Nitroglycerin Assay, %	4.5 to 5.5%

We certify that this material meets the requirements of the current USP monograph for Diluted Nitroglycerin and was produced in conformity with current Good Manufacturing Practices for Active Pharmaceutical Ingredients.

### Storage and Handling:

Store away from sources of heat. Store between 4°C and 30°C. Keep from freezing.

### Safety:

Avoid any processing that might increase the concentration of nitroglycerin. Any such increase in concentration or separation of the active nitrate from the diluent could result in the formation of an explosive substance. Water can separate the nitroglycerin which may detonate. Repeated or prolonged contact can cause contact dermatitis. May be harmful if swallowed, inhaled, or absorbed through skin. Overexposure may induce cyanosis, hypertension, headaches, and dizziness.

### Hazard Summary as Defined by OSHA Hazard Communication Standard, 29 CFR 1910.1200:

Physical Hazards	Flammable Liquid
Health Hazards	Based on Nitroglycerin – Inhalation (TLV), Irritant (Skin Sensitizer), Harmful (Methemoglobin Former, Oral, Dermal, and Inhalation)

For additional information and handling instructions, refer to the Safety Data Sheet. SDM® is a registered trademark.

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#### FOR YOUR PROTECTION:

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