

**AERCHEM INC.**  
**400 W. 7th Street, Suite 112**  
**Bloomington, IN 47404**

Telephone: 812.334.9996

Fax: 812.334.1960

Emergency: 800.424.9300

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**Effective Date:** 10/19/95

**Product Name:** METHOL CRYSTALS FCC

**Trade Name:** 5-METHYL-2-ISOPROYLCYCLOHEXANOL

**Chemical Formula:**

**Cas No.:** 7235-40-7

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**Physical Data:**

Melting point (range) Approx.	42°C
Boiling point:	216°C
Solubility in water:	Insoluable
Physical Form:	White needlelike crystals or crystalline powder.
Vapor pressure:	mmHg at 56° C
Vapor Density (air = 1	5 air.

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**Fire and Explosion Information:**

**Flash point:** 212°F

**Extinguishing media to be recommended:** Water fog, CO<sub>2</sub>, foam, Dry Chemical.

**to be avoided:** Excessive heat, and materials that are strong oxidizing agents.

**Special fire and explosions precautions:** Cool containers exposed to flame with water.

Fire and explosions hazards: None. Material is not pyrophoric does not react with water, not oxygen donor, material is shock stable.

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**Reactivity Data:**      Stable   X                        Unstable           

**Hazardous Polymerization:** None.

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**Handling and Storage Information:**

Store in tightly sealed containers in cool, dry area. Do not expose to temperatures above 35°C.

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**Leak/Spill Information :**

Small spills wipe up with paper rags and place contaminated items in closed metal waste container. For large spills use non-flammable absorbant.

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**Disposal Information:**

Follow local, state and federal laws.

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**Health Hazard Information:**

**A. Exposure/Health Effects**

Liquid may irritate eyes and skin or cause dermatitis.

Vapors may irritate throat and lungs.

LD 50 orally in rats : 3180 mg/kg

LD 50 dermal in rabbits : > 5 gm/kg

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**Chronic Exposures:** Threshold limit value (TLV) : Not Established.

OSHA permissible exposure limit (PEL) : Not established.

Has substance been listed as a carcinogen or potential carcinogen in the annual report on carcinogens published by NTP, The International Agency for Research on Cancer, or by OSHA? NO

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**B. First Aid:**

**Inhalation:** Remove person to well ventilated area and follow normal first aid procedures.

**Ingestion:** See a physician.

**Skin Contact:** Wash with soap and water.

**Eye Contact:** Wash eyes by normal first aid methods.

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**C. Toxicity Data**

The information in this MSDS was obtained from current and reputable sources. However, the data is provided without any warranty, express or implied, and the user assumes responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage, or exposure resulting from improper use of this product.

This mixture contains toxic chemicals or chemicals subject to the reporting requirements of section 313 of Title III of Superfund amendments and Reauthorization Act of 1986 and 40 CFR part 372.

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**Occupational Control Measures:**

**Airborne Exposure Limited:** Avoid casual breathing.

**Ventilation Systems:** Local exhaust recommended. (explosion proof)

**Skin Protective:** Protective gloves.

**Eye Protection:** Use OSHA approved safety glasses.

**Special Protection:** Follow good industrial practice.

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