

## Material Safety Data Sheet



# Kleermount in Xylene

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**Carolina Biological Supply Company**

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**CAROLINA**

www.carolina.com

### Section 1 - Product Description

**Product Name:** Kleermount in Xylene

**Product Code(s):** 87-1341, 87-1343, 87-1345, 70-0385, 70-0385A, B5995, B5999, B5999A, B6007A, B6008, B6010, B6101, B6103, B6103B, B6104, B6104G, B6105, B6107, B6109, B6109A, B6109B, B6109C, B6300, B6310, B6312, BM2010, BM2015, BM2300, BM6010, GEO385, 69-9870, B6090, C25102

**Size:** 7.5 mL, 25 mL, 100 mL, 500 mL

**Chemical Name:** N/A

**CAS Number:** 1330-20-7

**Formula:** See Section 3

**Synonyms:** N/A

**Distributor:** Carolina Biological Supply Company, 2700 York Road, Burlington, NC 27215

**Chemical Information:** 800-227-1150 (8am-5pm (ET) M-F) **Chemtrec** 800-424-9300 (Transportation Spill Response 24 hours)

### Section 2 - Hazard Identification

**Emergency Overview:** Harmful by inhalation. Prolonged exposure may result in allergic reaction.

**Potential Health Effects:**

**Eyes:** May cause irritation.

**Skin:** May cause irritation to skin.

**Ingestion:** May cause gastrointestinal discomfort.

**Inhalation:** May cause irritation to respiratory tract.

### Section 3 - Composition / Information on Ingredients

**Principal Hazardous Components:** Xylene (CAS# 1330-20-7) 44%

**TLV units:** ACGIH-TLV 100 ppm (TWA)

**PEL units:** OSHA-PEL 100 ppm (TWA)

### Section 4 - First Aid Measures

**Emergency and First Aid Procedures:**

**Eyes** - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**Skin** - After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water.

**Ingestion** - If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label. If swallowed, rinse mouth with water (only if the person is conscious).

**Inhalation** - In case of accident by inhalation: remove casualty to fresh air and keep at rest.

## Section 5 - Firefighting Procedures

**Flash Point (Method Used):** 26.2 C

**NFPA Rating:**

**Health:** 2

**Fire:** 3

**Reactivity:** 0

**Extinguisher Media:** Use dry chemical, CO2 or appropriate foam.

**Flammable Limits in Air % by Volume:** LEL: 1% UEL: 7%

**Autoignition Temperature:** 463.8 °C

**Special Firefighting Procedures:** Firefighters should wear full protective equipment and NIOSH approved self-contained breathing apparatus.

**Unusual Fire and Explosion Hazards:** Vapours may travel back to ignition source. Closed Containers exposed to heat may explode.

In use, may form flammable/explosive vapour-air mixture.

## Section 6 - Spill or Leak Procedures

**Steps to Take in Case Material Is Released or Spilled:** Ventilate area of spill. Eliminate all sources of ignition. Remove all non-essential personnel from area. Clean-up personnel should wear proper protective equipment and clothing. Absorb material with suitable absorbent and containerize for disposal.

## Section 7 - Special Precautions

**Precautions to Take in Handling or Storing:** Keep container tightly closed in a cool, well-ventilated place.

This material should be kept in an area suitable for the storage of flammable liquids. Store away from oxidizing agents, sparks and flame.

Bond and ground containers when transferring liquid.

Wear suitable protective clothing, gloves and eye/face protection.

## Section 8 - Protection Information

**Respiratory Protection (Specify Type):** None needed under normal conditions of use with adequate ventilation. A NIOSH/MSHA chemical cartridge respirator should be worn if PEL or TLV is exceeded.

**Ventilation:**

**Local Exhaust:** Yes

**Mechanical(General):** Yes

**Special:** No

**Other:** No

**Protective Gloves:** Natural rubber, Neoprene, PVC or equivalent.

**Eye Protection:** Splash proof chemical safety goggles should be worn.

**Other Protective Clothing or Equipment:** Lab coat, apron, eye wash, safety shower.

## Section 9 - Physical Data

**Molecular Weight:** N/A

**Boiling Point:** 58 - 60 °C

**Vapor Pressure:** N/A

**Vapor Density(Air=1):** N/A

**Percent Volatile by Volume:** 44%

**Solubility in Water:** Practically Insoluble

**Melting Point:** N/A

**Specific Gravity (H2O=1):** N/A

**Evaporation Rate (BuAc=1):** N/A

**Appearance and Odor:** Clear, colorless liquid, Sweet odor.

## Section 10 - Reactivity Data

**Stability:** Stable

**Conditions to Avoid:** Heat and sources of ignition.

**Incompatibility (Materials to Avoid):** Oxidizers, Halogens,

**Hazardous Decomposition Products:** N/A

**Hazardous Polymerization:** Will not occur

## Section 11 - Toxicity Data

**Toxicity Data:** orl-rat LD50 4300 mg/kg

ihl-rat LC50 5000 ppm/4H

**Effects of Overexposure:**

**Acute:** See Section 2

**Chronic:** Mutation data cited. Reproductive data cited. Not listed as a carcinogen by IARC, NTP or OSHA.

**Conditions Aggravated by Overexposure:** Respiratory disorders, Skin disorders, Eye disorders, Liver disorders, Impaired Kidney Function,

**Target Organs:** Kidneys, Liver,

**Primary Route(s) of Entry:** Inhalation and skin contact.

## Section 12 - Ecological Data

**EPA Waste Numbers:** U239

## Section 13 - Disposal Information

**Waste Disposal Methods:** Dispose in accordance with all applicable Federal, State and Local regulations. Always contact a permitted waste disposer (TSD) to assure compliance.

## Section 14 - Transport Information

**DOT Proper Shipping Name:** UN1307, Description: Xylene solutions, 3, II

\*\*\*25 mL bottle is a small quantity exception.\*\*\*

## Section 15 - Regulatory Information

**EPA TSCA Status:** On TSCA Inventory

**Hazard Category for SARA Section 311/312 Reporting:** Acute Fire Chronic

**Name List:**

Yes

**Chemical Category:**

No

**CERCLA Section 103 RQ(lb.):** 1,000

**RCRA Section 261.33:** U239

## Section 16 - Additional Information

The information provided in this Material Safety Data Sheet represents a compilation of data drawn directly from various sources available to us. Carolina Biological Supply makes no representation or guarantee as to the suitability of this information to a particular application of the substance covered in the Material Safety Data Sheet. Any employer must carefully assess the applicability of any information contained herein in regards to the particular use to which the employer puts the material.

Glossary

ACGIH American Conference of Governmental Industrial Hygienists

CAS Number Chemical Services Abstract Number

CERCLA Comprehensive Environmental Response, Compensation, and Liability Act

DOT U.S. Department of Transportation

IARC International Agency of Research on Cancer

N/A Not Available

NTP National Toxicology Program

|      |   |
|------|---|
| OSHA | Occupational Safety and Health Administration |
| PEL  | Permissible Exposure Limit                    |
| ppm  | Parts per million                             |
| RCRA | Resource Conservation and Recovery Act        |
| SARA | Superfund Amendments and Reauthorization Act  |
| TLV  | Threshold Limit Value                         |
| TSCA | Toxic Substances Control Act                  |