

Loctite(R) 243 Threadlocker Medium Strength
24079

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Loctite(R) 243 Threadlocker Medium Strength
Oil Tolerant
Item No.: 24079
Product Type: Anaerobic

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
Polyglycol dimethacrylate	25852-47-5	60-65
Polyglycol dioctanoate	18268-70-7	20-25
Poly(vinyl acetate)	9003-20-7	5-10
Poly(ethylene)	9002-88-4	3-5
CUMENE HYDROPEROXIDE*	80-15-9	1-3
Castor oil derivative	51796-19-1	1-3
Modified silicon dioxide	68611-44-9	1-3
Saccharin	81-07-2	1-3
1-Acetyl-2-phenylhydrazine	114-83-0	0.1-1
MALEIC ACID	110-16-7	0.1-1

* This component is listed as a SARA Section 313 Toxic Chemical.

Ingredients which have exposure limits

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
CUMENE HYDROPEROXIDE	None	None	1ppm(6mg/m3) Skin(WEEL)
Modified silicon dioxide	10mg/m3 (Inhal) 3mg/m3 (Resp)	20 mppcf	6 mg/m3

Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)

3. HAZARDS IDENTIFICATION

Toxicity: Mild eye irritant.
Estimated oral LD50 more than 5000 mg/kg
Estimated dermal LD50 more than 2000 mg/kg

Primary Routes of Entry: None known

Signs and Symptoms
of Exposure: May cause dermatitis on prolonged contact in
sensitive individuals

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EMERGENCY PHONE: (860) 571-5100

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3. HAZARDS IDENTIFICATION

(continued)

Existing Conditions

Aggravated by Exposure: None known

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen		
		NTP	IARC	OSHA
Polyglycol dimethacrylate	ALG IRR	NO	NO	NO
Polyglycol dioctanoate	IRR	NO	NO	NO
Poly(vinyl acetate)	NTO	NO	N/A	NO
Poly(ethylene)	NTO	NO	N/A	NO
CUMENE HYDROPEROXIDE	ALG CNS COR IRR MUT	NO	NO	NO
Castor oil derivative	No Data	NO	NO	NO
Modified silicon dioxide	NTO	NO	NO	NO
Saccharin	NTO	NO	N/A	NO
1-Acetyl-2-phenylhydrazine	ALG BLO KID MUT SOM	NO	NO	NO
MALEIC ACID	IRR KID	NO	NO	NO

Abbreviations

N/A Not Applicable	ALG Allergen
BLO Blood	CNS Central nervous system
COR Corrosive	IRR Irritant
KID Kidney	MUT Mutagen
NTO No Target Organs	SOM Some evidence of carcinogenicity

4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Keep individual calm.
Obtain medical attention

Inhalation: Does not apply

Skin Contact: Wash with soap and water.

Eye Contact: Flush at least 15 minutes with water. Obtain
medical attention.

5. FIRE FIGHTING MEASURES

Flash Point: More than 200°F Method: Tag Closed Cup
Recommended

Extinguishing Agents: Carbon dioxide, foam, dry chemical

Special Firefighting

Procedures: Not available

Hazardous Products formed

by Fire or Thermal Decomp Irritating organic vapors

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5. FIRE FIGHTING MEASURES

(continued)

Unusual Fire or

Explosion Hazards: None

Explosive Limits:

(% by volume in air)Lower Not available

(% by volume in air)Upper Not available

6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case

of spill or leak: Soak up in an inert absorbent. Store in a partly
filled, closed container until disposal.

7. HANDLING AND STORAGE

Safe Storage:

Store below 100°F

(Contact Loctite Customer Service 1-800-243-4874 for shelf life information)

Handling:

Avoid prolonged skin contact. Keep away from eyes.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eyes: Safety glasses or goggles.

Skin: Rubber or plastic gloves.

Ventilation: Does not apply

Respiratory Not available

See Section 2 for Exposure Limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Blue liquid

Odor: Mild

Boiling Point: More than 300°F

pH: Does not apply

Solubility in Water: Slight

Specific Gravity 1.08 at 68°F

Volatile Organic Compound

(EPA Method 24) Not available

Vapor Pressure: Less than 0.1mm at 80°F

Vapor Density: Not available

Evaporation Rate

(Ether = 1) Not available

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10. STABILITY AND REACTIVITY

Stability: Stable
Hazardous Polymerization: Will not occur
Incompatibility: None
Conditions to Avoid: Not available
Hazardous Decomposition
Products (non-thermal): None

11. TOXICOLOGICAL INFORMATION

See Section 3.

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended methods of disposal: Incinerate following EPA and local regulations.
EPA Hazardous Waste Number: NH - Not a RCRA Hazardous Waste Material

14. TRANSPORTATION INFORMATION

DOT (49 CFR 172)

Domestic Ground Transport
Proper Shipping Name: Unrestricted
Hazard Class or Division: Unrestricted
Identification Number: None
Marine Pollutant: None

IATA

Proper Shipping Name: Unrestricted
Class or Division: Unrestricted
UN or ID Number: None

15. REGULATORY INFORMATION

CA Proposition 65: This product contains Saccharin. No prop65 hazard warning is necessary if this product is used as reasonably anticipated.

16. OTHER INFORMATION

Estimated NFPA(R) Code:

Health Hazard: 1

Fire Hazard: 1

HENKEL LOCTITE CORPORATION

08/18/02

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16. OTHER INFORMATION

(continued)

Reactivity Hazard: 1
Specific Hazard: Does not apply

Estimated HMIS(R) Code:
Health Hazard: 1
Flammability Hazard: 1
Reactivity Hazards: 1
Personal Protection: See Section 8.

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HMIS is a registered trademark of the National Paint and Coatings Assn.

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