

Loctite(R) 7102 Accelerator for Anaerobic  
 17724

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Loctite(R) 7102 Accelerator for Anaerobic Porosity Sealants  
 Item No.: 17724  
 Product Type: Accelerator

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
Trialkylammonium Carboxylate	58823-74-8	30-35
Organo-copper compound	22221-10-9	25-30
2-Ethylhexanoic acid	149-57-5	20-25
Polyglycol dioctanoate	18268-70-7	10-15
Water	7732-18-5	1-3

Ingredients which have exposure limits

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
Organo-copper compound	Cu 0.2mg/m3fume	Cu 0.1mg/m3	None
2-Ethylhexanoic acid	Cu 1 mg/m3 dust	Cu 1 mg/m3 dust	None
	5 mg/m3 resp fr vapor/aerosol	None	None

  

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

3. HAZARDS IDENTIFICATION

Toxicity: Possible eye and skin irritant.  
 Moderately toxic by ingestion.  
 Estimated dermal LD50 more than 200mg/kg

Primary Routes of Entry: None known

Signs and Symptoms of Exposure: Irritation at point of contact.

Existing Conditions Aggravated by Exposure: 2-Ethylhexanoic acid: Dermatitis

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen		
		NTP	IARC	OSHA
Trialkylammonium Carboxylate	No Data	NO	NO	NO
Organo-copper compound	NTO	NO	NO	NO
2-Ethylhexanoic acid	DEV EYE IRR LIV REP	NO	NO	NO

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## 3. HAZARDS IDENTIFICATION

(continued)

Polyglycol dioctanoate	IRR	NO	NO	NO
Water	NTO	NO	NO	NO

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## Abbreviations

DEV Developmental	EYE Eyes
IRR Irritant	LIV Liver
NTO No Target Organs	REP Reproductive

## 4. FIRST AID MEASURES

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

Inhalation: Remove to fresh air. If symptoms persist, obtain  
medical attention

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 and copper compounds

Unusual Fire or  
Explosion Hazards: None

Explosive Limits:  
(% by volume in air)Lower 1% 2-ethylhexanoic acid  
(% by volume in air)Upper Approximately 6.2% 2-ethylhexanoic acid

## 6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case  
of spill or leak: Allow to evaporate with good ventilation. Soak up  
in an inert absorbent. Store in a closed  
container until disposal

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## 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.  
Avoid breathing vapors.

## 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eyes: Safety glasses or goggles.  
Skin: Rubber or plastic gloves such as butyl rubber.  
Ventilation: Local exhaust ventilation  
Respiratory: Not available

See Section 2 for Exposure Limits.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Green liquid  
Odor: Goaty  
Boiling Point: Approximately 440°F  
pH: Does not apply  
Solubility in Water: Low  
Specific Gravity: 0.98 at 70°F  
Volatile Organic Compound  
(EPA Method 24) 54.29%; 532 grams per liter  
Vapor Pressure: 0.1mm @ 20°C  
Vapor Density: Approximately 5  
Evaporation Rate  
(Ether = 1) Not available

## 10. STABILITY AND REACTIVITY

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

## 11. TOXICOLOGICAL INFORMATION

See Section 3.

## 12. ECOLOGICAL INFORMATION

No data available

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## 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: Corrosive liquids, toxic, n.o.s  
(Contains 2-ethylhexanoic acid and tributylammonium-2-ethylhexanoate)  
Hazard Class or Division: Class 8, Packing Group III  
Identification Number: UN 2922  
Marine Pollutant: None

IATA  
Proper Shipping Name: Corrosive liquid, toxic, n.o.s.  
(Contains 2-ethylhexanoic acid and tributylammonium-2-ethylhexanoate)  
Class or Division: Class 8, Subsidiary Risk 6.1,  
Packing Group III  
UN or ID Number: UN 2922

## 15. REGULATORY INFORMATION

CA Proposition 65: Not available

## 16. OTHER INFORMATION

Estimated NFPA(R) Code:  
Health Hazard: 2  
Fire Hazard: 1  
Reactivity Hazard: 1  
Specific Hazard: Does not apply

Estimated HMIS(R) Code:  
Health Hazard: 2  
Flammability Hazard: 1  
Reactivity Hazards: 1  
Personal Protection: See Section 8.

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

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16. OTHER INFORMATION

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Company: Henkel Loctite Corporation, Rocky Hill CT 06067  
(24hr.) Phone: (860) 571-5100  
Revision Date: April 22, 2002

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