

**LOCTITE**<sup>®</sup>

Revision Number: 001.2

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**1. PRODUCT AND COMPANY IDENTIFICATION**

<b>Product name:</b>	<b>LOCTITE SF 7633 AE known as Non-Chlorinated Parts Cleaner</b>	<b>IDH number:</b>	234935
<b>Product use:</b>	Aerosol, Cleaner	<b>Item number:</b>	30545
		<b>Region:</b>	Canada
<b>Company address:</b>	Henkel Canada Corporation 2515 Meadowpine Boulevard Mississauga, Ontario L5N 6C3	<b>Contact information:</b>	Telephone: 905.814.6511 Emergency telephone: 905.814.6511 Internet: www.henkelna.com

**2. HAZARDS IDENTIFICATION****EMERGENCY OVERVIEW**

<b>Physical state:</b>	Aerosol	<b>WHMIS hazard class:</b>	A, B.5, D.2.A, D.2.B
<b>Color:</b>	Water white, Clear		
<b>Odor:</b>	Solvent		

**DANGER:** EXTREMELY FLAMMABLE LIQUID AND VAPOR.  
CONTENTS UNDER PRESSURE.  
MAY BE HARMFUL OR FATAL IF SWALLOWED OR INHALED.  
VAPOR HARMFUL.

**Relevant routes of exposure:** Skin, Inhalation, Eyes

**Potential Health Effects**

<b>Inhalation:</b>	Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed.
<b>Skin contact:</b>	Harmful in contact with skin.
<b>Eye contact:</b>	Vapors irritate the eyes. Contact with liquid or mist will irritate the eyes.
<b>Ingestion:</b>	Harmful or fatal if swallowed.

**Existing conditions aggravated by exposure:** Eye, skin and respiratory disorders.

See Section 11 for additional toxicological information.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Hazardous components	CAS NUMBER	%
Acetone	67-64-1	60 - 100
Propane	74-98-6	10 - 30
n-Heptane	142-82-5	5 - 10
Xylenes	1330-20-7	1 - 5
Ethylbenzene	100-41-4	0.1 - 1
Toluene	108-88-3	0.1 - 1

**4. FIRST AID MEASURES**

<b>Inhalation:</b>	Move to fresh air. If symptoms persist, seek medical advice.
<b>Skin contact:</b>	Wash affected area immediately with soap and water. If symptoms develop and persist, get medical attention.

**Eye contact:** Immediately flush eyes with plenty of water for at least 15 minutes. If symptoms develop and persist, get medical attention.

**Ingestion:** Do not induce vomiting. Drink plenty of water. Call a physician immediately.

## 5. FIRE FIGHTING MEASURES

**Flash point:** -23 °C (-9.4 °F) ; This product exhibits flashback when tested for flame extension.

**Autoignition temperature:** Not available.

**Flammable/Explosive limits - lower:** Not available.

**Flammable/Explosive limits - upper:** Not available.

**Extinguishing media:** water, carbon dioxide, foam, powder

**Special firefighting procedures:** Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear. If water is used, fog nozzles are preferable.

**Unusual fire or explosion hazards:** Cool pressurized can containers with jet of water. Containers may explode.

**Hazardous combustion products:** Oxides of carbon. Irritating organic vapours.

**Sensitivity to Mechanical Impact:** Not available.

**Sensitivity to static discharge:** Not available.

## 6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

**Environmental precautions:** Do not allow to enter the ground / soil.

**Clean-up methods:** Remove all sources of ignition. Spilled liquid is combustible and can be ignited by heat, flames, sparks, or other sources of ignition. Store in a closed container until ready for disposal. Soak up with inert absorbent.

## 7. HANDLING AND STORAGE

**Handling:** Keep away from heat, spark and flame.

**Storage:** Store in a cool, dry, well-ventilated area. Store away from heat, sparks, flames, or other sources of ignition.

**Shelf Life Statement:** Not available.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

Hazardous components	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Acetone	750 ppm STEL 500 ppm TWA	1,000 ppm (2,400 mg/m3) PEL	None	None
Propane	Included in the regulation but with no data values. See regulation for further details	1,000 ppm (1,800 mg/m3) PEL	None	None
n-Heptane	500 ppm STEL 400 ppm TWA	500 ppm (2,000 mg/m3) PEL	None	None
Xylenes	100 ppm TWA 150 ppm STEL	100 ppm (435 mg/m3) PEL	None	None
Ethylbenzene	20 ppm TWA	100 ppm (435 mg/m3) PEL	None	None
Toluene	20 ppm TWA	200 ppm TWA 300 ppm Ceiling 500 ppm MAX. CONC 10 minutes	None	None

**Engineering controls:** Use local ventilation if general ventilation is insufficient to maintain vapor concentration below established exposure limits.

**Respiratory protection:** Use an organic vapor respirator for concentrations exceeding the Occupational Exposure Limit. Do not inhale vapors and fumes.

**Eye/face protection:** Safety goggles or safety glasses with side shields.

**Skin protection:** Chemical resistant, impermeable gloves.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** Aerosol  
**Color:** Water white, Clear  
**Odor:** Solvent  
**Odor threshold:** Not available.  
**pH:** Not available.  
**Vapor pressure:** 760 mm hg  
**Boiling point/range:** Not available.  
**Melting point/ range:** Not available.  
**Vapor density:** Not available.  
**Flash point:** -23 °C (-9.4 °F) ; This product exhibits flashback when tested for flame extension.  
**Flammable/Explosive limits - lower:** Not available.  
**Flammable/Explosive limits - upper:** Not available.  
**Autoignition temperature:** Not available.  
**Evaporation rate:** Not available.  
**Solubility in water:** Not available.  
**Partition coefficient (n-octanol/water):** Not available.  
**VOC content:** 768.4 g/l

## 10. STABILITY AND REACTIVITY

**Stability:** Stable

**Hazardous reactions:** Will not occur.

**Hazardous decomposition products:** Oxides of carbon. Irritating and toxic gases or fumes may be released during a fire.

**Incompatible materials:** Acids and bases. Oxidizing agents. Oxidizing and spontaneously flammable products. Keep away from heat, spark and flame.

**Conditions to avoid:** Keep away from heat, ignition sources and incompatible materials.

## 11. TOXICOLOGICAL INFORMATION

**Toxicologically synergistic products:** Not available.

Refer to the following for Irritancy of Product, Sensitization to Product, Carcinogenicity, Reproductive Toxicity, Teratogenicity, and Mutagenicity.

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Acetone	No	No	No
Propane	No	No	No
n-Heptane	No	No	No
Xylenes	No	No	No
Ethylbenzene	No	Group 2B	No
Toluene	No	No	No

Hazardous components	LD50s and LC50s	Health Effects/Target Organs
Acetone	Oral LD50 (RABBIT) = 5,340 mg/kg Oral LD50 (RAT) = 5,800 mg/kg Oral LD50 (RAT) = 9,800 mg/kg Dermal LD50 (RABBIT) = 20,000 mg/kg Inhalation LC50 (RAT, 8 h) = 50.1 mg/l Inhalation LC50 (RAT, 4 h) = 76 mg/l	Blood, Central nervous system, Irritant, Reproductive
Propane	Inhalation LC50 (RAT, 15 min) = 1,464 mg/l Inhalation LC50 (RAT, 15 min) = 1,442.847 mg/l	Cardiac, Central nervous system, Irritant
n-Heptane	Inhalation LC50 (RAT, 4 h) = 103 mg/l	Central nervous system, Irritant
Xylenes	Oral LD50 (RAT) = 6,670 mg/kg Oral LD50 (RAT) = 3,523 - 8,600 mg/kg Oral LD50 (RAT) = 4,300 mg/kg Dermal LD50 (RABBIT) > 43 g/kg Inhalation LC50 (RAT, 4 h) = 6,350 mg/l	Cardiac, Central nervous system, Irritant, Kidney, Liver
Ethylbenzene	Oral LD50 (RAT) = 5.46 g/kg Oral LD50 (RAT) = 3,500 mg/kg Dermal LD50 (RABBIT) = 17,800 mg/kg	Irritant, Central nervous system
Toluene	Oral LD50 (RAT) = 2.6 g/kg Oral LD50 (RAT) = 5,000 mg/kg Dermal LD50 (RABBIT) = 12,124 mg/kg Inhalation LC50 (RAT, 1 h) = 26,700 mg/l Inhalation LC50 (RAT, 4 h) = 8,000 mg/l Inhalation LC50 (RAT, 2 h) = 12,200 mg/l	Behavioral, Cardiac, Central nervous system, Developmental, Ear, Irritant

## 12. ECOLOGICAL INFORMATION

**Ecological information:**

No specific studies have been conducted by Henkel on the ecotoxicity or environmental fate of this material; however, commonly available data on the material indicate that uncontrolled releases to soil, ground water, or surface waters could entail acute and/or chronic ecological effects, depending on the quantity and concentration of such releases. Releases of volatile components to the atmosphere are not believed to entail significant ecological consequences provided such releases are within the exposure levels set forth in this document. Accordingly, all appropriate measures should be taken to avoid uncontrolled releases to the environment, and any spills or other uncontrolled releases which may occur should be contained and cleaned up immediately in accordance with Section 6.

### 13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

**Recommended method of disposal:** Do not puncture or incinerate pressurized containers. Dispose of according to Federal, State and local governmental regulations.

### 14. TRANSPORT INFORMATION

#### Canada Transportation of Dangerous Goods - Ground

**Proper shipping name:** AEROSOLS  
**Hazard class or division:** 2.1  
**Identification number:** UN 1950  
**Packing group:** None

#### International Air Transportation (ICAO/IATA)

**Proper shipping name:** Aerosols, flammable  
**Hazard class or division:** 2.1  
**Identification number:** UN 1950  
**Packing group:** None

#### Water Transportation (IMO/IMDG)

**Proper shipping name:** AEROSOLS  
**Hazard class or division:** 2.1  
**Identification number:** UN 1950  
**Packing group:** None

### 15. REGULATORY INFORMATION

#### Canada Regulatory Information

**CEPA DSL/NDSL Status:** All components are listed on or are exempt from listing on the Canadian Domestic Substances List.

#### United States Regulatory Information

**TSCA 8 (b) Inventory Status:** All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.

### 16. OTHER INFORMATION

**This material safety data sheet contains changes from the previous version in sections:** Reviewed MSDS. Reissued with new date.

**This product has been classified in accordance with the hazard criteria of the Controlled Products Regulation (CPR), and the MSDS contains all the information required by the CPR.**

**Prepared by:** Lou Fabrizio, Regulatory Affairs Specialist

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