



Revision Number: 002.1

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1. PRODUCT AND COMPANY IDENTIFICATION

Product name:	LOCTITE SF 7629 AE known as LOCTITE® Nonflammable Electric	IDH number:	1174633
Product type:	Cleaner	Item number:	1174633
Restriction of Use:	None identified	Region:	United States
Company address:	Contact information:		
Henkel Corporation	Telephone: (860) 571-5100		
One Henkel Way	MEDICAL EMERGENCY Phone: Poison Control Center		
Rocky Hill, Connecticut 06067	1-877-671-4608 (toll free) or 1-303-592-1711		
	TRANSPORT EMERGENCY Phone: CHEMTREC		
	1-800-424-9300 (toll free) or 1-703-527-3887		
	Internet: www.henkelna.com		

This product contains a component that is regulated under a Significant New Use Rule (SNUR) by the EPA. The SNUR, regulated by TSCA, is presented at 40 CFR 721.90(a)(1),(b)(1) and (c)(1) for manufacturing, processing and use.

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

DANGER: CONTENTS UNDER PRESSURE.
CAUSES SKIN IRRITATION.
CAUSES SERIOUS EYE DAMAGE.
MAY CAUSE DROWSINESS OR DIZZINESS. CONTAINS GAS UNDER PRESSURE; MAY EXPLODE IF HEATED.

HAZARD CLASS	HAZARD CATEGORY
SKIN IRRITATION	2
SERIOUS EYE DAMAGE	1
SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE	3
GASES UNDER PRESSURE	Liquef. Gas

PICTOGRAM(S)



Precautionary Statements

Prevention:	Avoid breathing mist or spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear eye and face protection. Wear protective gloves.
Response:	IF ON SKIN: Wash with plenty of soap and water. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to remove. Continue rinsing. Immediately call a poison control center or physician. If skin irritation occurs: Get medical attention. Take off contaminated clothing. Store in a well-ventilated place. Keep container tightly closed. Store locked up.
Storage:	Protect from sunlight. Store in a well-ventilated place.
Disposal:	Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Component(s)	CAS Number	Percentage*
Pentane, 1,1,1,2,2,3,4,5,5,5-decafluoro-	138495-42-8	30 - 60
Norflurane	811-97-2	30 - 60
trans-dichloroethylene	156-60-5	10 - 30

* Exact percentage is a trade secret. Concentration range is provided to assist users in providing appropriate protections.

4. FIRST AID MEASURES

Inhalation:	Move to fresh air. If breathing is difficult, give oxygen. If adverse health effects develop seek medical attention.
Skin contact:	Wash with soap and water. Remove contaminated clothes. If symptoms develop and persist, get medical attention.
Eye contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
Ingestion:	Clean mouth with water and drink afterwards plenty of water. Do not induce vomiting. Get medical attention.
Symptoms:	See Section 11.

5. FIRE FIGHTING MEASURES

Extinguishing media:	Foam, dry chemical or carbon dioxide.
Special firefighting procedures:	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear. Water should be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.
Unusual fire or explosion hazards:	Closed containers may rupture (due to build up of pressure) when exposed to extreme heat.
Hazardous combustion products:	Halogenated compounds. Hydrofluoric acid. Hydrochloric acid. Carbonyl halides. Oxides of carbon.

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 product to enter sewer or waterways.
Clean-up methods:	Remove all sources of ignition. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Store in a closed container until ready for disposal.

7. HANDLING AND STORAGE

Handling:	Do not puncture or incinerate pressurized containers. Do not wear contact lenses. Avoid contact with skin and clothing. Use only in area provided with appropriate exhaust ventilation.
Storage:	For safe storage, store between -20 °C (-4°F) and 50 °C (122°F) Store in a cool, dry, well-ventilated area.

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 Component(s)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Pentane, 1,1,1,2,2,3,4,5,5,5-decafluoro-	None	None	None	200 ppm TWA 400 ppm Ceiling
Norflurane	None	None	1,000 ppm (4,240 mg/m3) TWA	None
trans-dichloroethylene	200 ppm TWA	200 ppm (790 mg/m3) PEL	None	None

Engineering controls:	Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination below occupational exposure limits.
Respiratory protection:	Use NIOSH approved respirator if there is potential to exceed exposure limit(s).
Eye/face protection:	Safety goggles or safety glasses with side shields. Full face protection should be used if the potential for splashing or spraying of product exists.
Skin protection:	Chemical resistant, impermeable gloves. Viton gloves. Neoprene gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Aerosol, liquid
Color:	Colorless
Odor:	Characteristic
Odor threshold:	Not available.
pH:	Not available.
Vapor pressure:	< 1 mm hg (20 °C (68°F))
Boiling point/range:	75 °C (167°F)
Melting point/ range:	Not available.
Specific gravity:	1.35 at 20 °C (68°F)
Vapor density:	Not available.
Flash point:	Not flammable by flame extension method.
Flammable/Explosive limits - lower:	Not available.
Flammable/Explosive limits - upper:	Not available.
Autoignition temperature:	Not available.
Evaporation rate:	Not available.
Solubility in water:	Slight
Partition coefficient (n-octanol/water):	Not available.
VOC content:	0 %; 0 g/l
Viscosity:	Not available.
Decomposition temperature:	Not available.

10. STABILITY AND REACTIVITY

Stability:	Stable
Hazardous reactions:	Will not occur.
Hazardous decomposition products:	Oxides of carbon. Irritating organic fragments. Carbonyl halides. Hydrogen halides.
Incompatible materials:	Acids and bases. Alkaline earth metals. Oxidizing agents.
Reactivity:	Not available.
Conditions to avoid:	Store away from incompatible materials.

11. TOXICOLOGICAL INFORMATION

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

Potential Health Effects/Symptoms

Inhalation:	Vapors and mists will irritate nose and throat and possibly eyes. Extreme overexposure may result in unconsciousness and possibly death. Irritates the nose, throat and respiratory system. Exposure to high doses may cause central nervous system depression. Such doses may also cause adverse effects in the liver, kidneys, and lungs.
Skin contact:	Causes skin irritation. Prolonged or repeated contact has caused severe dermatitis including blisters, cracking, edema and redness.
Eye contact:	Causes serious eye damage.
Ingestion:	Not expected under normal conditions of use. Harmful if swallowed.

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
Pentane, 1,1,1,2,2,3,4,5,5,5-decafluoro-	None	Central nervous system
Norflurane	None	Cardiac, Central nervous system, Irritant, Respiratory, Skin
trans-dichloroethylene	Oral LD50 (RAT) = 1,235 mg/kg	Irritant, Central nervous system, Liver, Blood, Eyes, Cardiac

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Pentane, 1,1,1,2,2,3,4,5,5,5-decafluoro-	No	No	No
Norflurane	No	No	No
trans-dichloroethylene	No	No	No

12. ECOLOGICAL INFORMATION

Ecological information: Not available.

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Dispose of according to Federal, State and local governmental regulations.

Hazardous waste number: D001: Ignitable.

14. TRANSPORT INFORMATION

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any package/configuration.

U.S. Department of Transportation Ground (49 CFR)

Proper shipping name: Aerosols
Hazard class or division: 2.2
Identification number: UN 1950
Packing group: None

International Air Transportation (ICAO/IATA)

Proper shipping name: Aerosols, non-flammable
Hazard class or division: 2.2
Identification number: UN 1950
Packing group: None

Water Transportation (IMO/IMDG)

Proper shipping name: AEROSOLS
Hazard class or division: 2.2
Identification number: UN 1950
Packing group: None

15. REGULATORY INFORMATION

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.

TSCA 5 (a) (2) SNUR: This product contains an ingredient for which a Significant New Use Rule (SNUR) has been promulgated by the USEPA under the Toxic Substances Control Act (TSCA) section 5(a)(2).

TSCA 12 (b) Export Notification: Pentane, 1,1,1,2,2,3,4,5,5,5-decafluoro- (CAS# 138495-42-8).

CERCLA/SARA Section 302 EHS: None above reporting de minimis
CERCLA/SARA Section 311/312: Immediate Health, Pressure
CERCLA/SARA Section 313: This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372): trans-dichloroethylene (CAS# 156-60-5).

CERCLA Reportable quantity: trans-dichloroethylene (CAS# 156-60-5) 1,000 lbs. (454 kg)

California Proposition 65: No California Proposition 65 listed chemicals are known to be present.

Canada Regulatory Information

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

16. OTHER INFORMATION

This safety data sheet contains changes from the previous version in sections: New Safety Data Sheet format.

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