

# MSDS ATTACHMENT

PLEASE ATTACH THIS COMPLETED SHEET TO THE MSDS FOR :

PRODUCT :

LOCTITE Hand Cleaner, Orange SF 7850

DATE :

(MSDS date)

20/11/2023

**1. Manufacturer/Supplier :** PPS Industries Limited  
86 Hugo Johnston Drive, Auckland  
New Zealand  
P.O.Box 12823, Penrose, Auckland 1642  
Phone : 64 9 579-1001  
Facsimile : 64 9 579-9497  
Emergency Phone : 0800 657-894  
Website: www.ppsindustries.co.nz

**Emergency Information :** National Poison Centre 0800 764-766  
Chemcall 24/7 Emergency Response Service : 0800 243-622

**13. Disposal Considerations :** Product  
Recommendation - Consult local or national regulations to ensure proper disposal.

Packaging  
Disposal must be made according to official regulations.

**16. Other information :** Employers should use this information only as a supplement to other information gathered by them, and should make independent judgement of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Material Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.



## Safety Data Sheet

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LOCTITE SF 7850 CLEANING known as YUK OFF ORANGE  
HAND CLEAN 4 X 4

SDS No. : 497699  
V001.1

Revision: 20.11.2023  
printing date: 21.02.2024

### SECTION 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product name:** LOCTITE SF 7850 CLEANING known as YUK OFF ORANGE HAND CLEAN 4 X 4

**Intended use:** Handcleaner

**Supplier:**  
Henkel New Zealand Ltd  
2 Allens Rd  
Auckland, 2013  
New Zealand  
Phone: +64 (9) 272-6710

**Emergency Telephone for  
Chemical Accidents:** 24 HOUR EMERGENCY CONTACT NUMBER 0800 243 622

### SECTION 2 HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

Classified as hazardous under the New Zealand Hazardous Substances and New Organisms Act (HSNO).  
Not classified as Dangerous Goods under the Land Transport Rule: Dangerous Goods 2005.

#### GHS Classification:

<u>Hazard Class</u>	<u>Hazard Category</u>
Skin sensitizer	Category 1
Acute hazards to the aquatic environment	Category 2

#### Hazard pictogram:



**Signal word:** Warning

**Hazard statement(s):** H317 May cause an allergic skin reaction.  
H401 Toxic to aquatic life.

**Precautionary Statement(s):**

**Prevention:** P261 Avoid breathing mist/vapours.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P273 Avoid release to the environment.  
P280 Wear protective gloves.

**Response:** P302+P352 IF ON SKIN: Wash with plenty of water.  
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
P362+P364 Take off contaminated clothing and wash it before reuse.

**Disposal:** P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations.

**SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS**

**General chemical description:** Mixture

**Identity of ingredients:**

Chemical ingredients	CAS-No.	Proportion
Limonene D	5989-27-5	1- < 10 %
non hazardous ingredients~		60- <= 100 %

**SECTION 4 FIRST AID MEASURES**

**Ingestion:** Rinse mouth, do not induce vomiting, consult a doctor.

**Skin:** Wash skin with water

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

**Inhalation:** Move to fresh air. If symptoms persist, seek medical advice.

**First Aid facilities:** Eye wash  
Normal washroom facilities

**Medical attention and special treatment:** Treat symptomatically.

**SECTION 5. FIRE FIGHTING MEASURES**

**Suitable extinguishing media:** Fine water spray  
Foam, dry chemical or carbon dioxide.

**Improper extinguishing media:** High pressure waterjet

**Decomposition products in case of fire:** Thermal decomposition can lead to release of irritating gases and vapors.  
Oxides of carbon.

**Special protective equipment for fire-fighters:** Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions:** See advice in section 8  
Ensure adequate ventilation.

**Environmental precautions:** Do not empty into drains / surface water / ground water.

**Clean-up methods:** Remove with liquid-absorbing material (sand, peat, sawdust).  
Sweep up or gather material and place in appropriate container for disposal.  
Dispose of contaminated material as waste according to Section 13.

### SECTION 7. HANDLING AND STORAGE

**Precautions for safe handling:** Use personal protective equipment as described in Section 8.  
Do not get in eyes.

**Conditions for safe storage:** Store in a cool, well-ventilated place.  
Keep away from heat and direct sunlight.

### SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Workplace exposure standards:**

None

**Biological Exposure Indices:**

None

**Engineering controls:** General room ventilation is usually adequate.

**Eye protection:** Eye protection should be used where there is any risk of splashing.

**Skin protection:** None

**Respiratory protection:** If inhalation risk exists, wear a respirator or air supplied mask complying with the requirements of AS/NZS 1715 and AS/NZS 1716.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** light grey  
viscous, liquid  
**Odor:** Orange like  
**Flash point:** > 95 °C (> 203 °F)  
**Density:** 1.04 - 1.07 g/cm<sup>3</sup>

### SECTION 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions of temperature and pressure.

**Conditions to avoid:** None known if used to the intended purpose.

**Incompatible materials:** None if used for intended purpose.

**Hazardous decomposition products:** Typical hydrocarbon products of combustion.

**SECTION 11. TOXICOLOGICAL INFORMATION**

**Health Effects:**

**Ingestion:** Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.  
**Skin:** May cause allergic skin reaction in susceptible individuals.  
**Eyes:** May cause mild irritation  
**Inhalation:** Inhalation of vapors or mists of the product may be irritating to the respiratory system.

**Acute toxicity:**

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Limonene D 5989-27-5	LD50	> 5,000 mg/kg	oral		rat	equivalent or similar to OECD Guideline 401 (Acute Oral Toxicity) equivalent or similar to OECD Guideline 402 (Acute Dermal Toxicity)
	LD50	> 5,000 mg/kg	dermal		rabbit	

**Skin corrosion/irritation:**

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Limonene D 5989-27-5	moderately irritating	4 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

**Serious eye damage/irritation:**

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Limonene D 5989-27-5	not irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)

**Respiratory or skin sensitization:**

Hazardous components CAS-No.	Result	Test type	Species	Method
Limonene D 5989-27-5	sensitising	Mouse local lymphnode assay (LLNA)	mouse	OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)

**Germ cell mutagenicity:**

Hazardous components CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
Limone D 5989-27-5	negative negative negative negative	bacterial reverse mutation assay (e.g Ames test) in vitro mammalian chromosome aberration test mammalian cell gene mutation assay sister chromatid exchange assay in mammalian cells	with and without with and without with and without with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay) equivalent or similar to OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test) equivalent or similar to OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test) equivalent or similar to OECD Guideline 479 (Genetic Toxicology: In Vitro Sister Chromatid Exchange Assay in Mammalian Cells)
Limone D 5989-27-5	negative	oral: gavage		rat	not specified

**Repeated dose toxicity:**

Hazardous components CAS-No.	Result	Route of application	Exposure time / Frequency of treatment	Species	Method
Limone D 5989-27-5	NOAEL=825 mg/kg	oral: gavage	16 d5 d/w	rat	equivalent or similar to OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity in Rodents)

**SECTION 12. ECOLOGICAL INFORMATION**

**General ecological information:** Do not empty into drains / surface water / ground water.

**Ecotoxicity:** H401 Toxic to aquatic life.

**Toxicity:**

Hazardous components CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Limonene D 5989-27-5	LC50	0.702 mg/l	Fish	96 h	Pimephales promelas	OECD Guideline 203 (Fish, Acute Toxicity Test)
Limonene D 5989-27-5	LC10	0.32 mg/l	Fish	8 d	Pimephales promelas	OECD Guideline 212 (Fish, Short-term Toxicity Test on Embryo and Sac-Fry Stages)
Limonene D 5989-27-5	EC50	0.577 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Limonene D 5989-27-5	EC50	0.32 mg/l	Algae	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
Limonene D 5989-27-5	EC10	0.174 mg/l	Algae	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
Limonene D 5989-27-5	EC10	18 mg/l	Bacteria	3 h	activated sludge of a predominantly domestic sewage	OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)

**Persistence and degradability:**

Hazardous components CAS-No.	Result	Route of application	Degradability	Method
Limonene D 5989-27-5	readily biodegradable	aerobic	71.4 %	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)

**Bioaccumulative potential / Mobility in soil:**

Hazardous components CAS-No.	LogPow	Bioconcentration factor (BCF)	Exposure time	Species	Temperature	Method
Limonene D 5989-27-5	4.57					not specified

**SECTION 13. DISPOSAL CONSIDERATIONS**

**Waste disposal of product:** Collection and delivery to recycling enterprise or other registered elimination institution.

**Recommended cleanser:** Clean the packaging with water.

**Disposal for uncleaned package:** Packaging that cannot be cleaned are to be disposed of in the same manner as the product.

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<b>SECTION 14. TRANSPORT INFORMATION</b>
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**Dangerous Goods information:**

**Land Transport:**

Not classified as Dangerous Goods under the Land Transport Rule: Dangerous Goods 2005.

**Marine transport IMDG:**

Not dangerous goods

**Air transport IATA:**

Not dangerous goods

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<b>SECTION 15. REGULATORY INFORMATION</b>
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**New Zealand regulatory information:**

Classified as hazardous under the New Zealand Hazardous Substances and New Organisms Act (HSNO).

**HSNO Approval Number:** Group standard HSR002552

**Site and Storage:** Refer to the site and storage requirements for this Group Standard.

**NZIoC:** Compliant for NZIOC

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<b>SECTION 16. OTHER INFORMATION</b>
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**Abbreviations/acronyms:** HSNO - Hazardous Substances and New Organisms  
GHS: Globally Harmonized System  
CAS: Chemical Abstracts Service  
IMDG: International Maritime Dangerous Goods code  
IATA-DGR: International Air Transport Association – Dangerous Goods Regulations

**Reason for issue:** Reviewed SDS. Reissued with new date. involved chapters: 1-16



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**Date of previous issue:** 11.12.2018

**Disclaimer:**

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