

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



Solopol Lime Heavy Duty Hand Cleaner

Version 1.0

Print Date 28.04.2025

Revision Date 14.11.2024

SDS Number 350000046118
GEN_SOF Number 81467

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Product name : Solopol Lime Heavy Duty Hand Cleaner

Recommended use : Personal care

Restrictions on use : Use only as directed on label

Manufacturer, importer, supplier : SC Johnson Professional USA, Inc.,
2815 Coliseum Centre Dr.,
Suite 600, Charlotte, NC 28217,

Telephone : 1-800-248-7190 (Industrial/Institutional);
1-866-783-0422 (Healthcare)

Emergency telephone number : (800) 424-9300 CHEMTREC (North America)
(703) 527-3887 CHEMTREC (International, call collect)

(833) 289-4301 24hr Medical Emergency Line

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Globally Harmonized System (GHS) Classification

Hazard classification	Hazard category	Hazards identification
Eye irritation	Category 2B	Causes eye irritation.

Labelling

Signal word

Warning

Hazard statements

Causes eye irritation.

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Precautionary statements

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/ attention.

Wash hands thoroughly after handling.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS-No.	Weight percent
Alcohols, C11-14-iso-, C13-rich, ethoxylated (EO= 9-10)	78330-21-9	5,00 - 10,00
Glycerin	56-81-5	1,00 - 5,00
d-Limonene	5989-27-5	0,10 - 1,00

The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of first aid measures

Eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/ attention.

Skin contact : No special requirements

Inhalation : No special requirements.

Ingestion : No special requirements

Most important symptoms and effects, both acute and delayed

Eyes : No adverse effects expected when used as directed.

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Skin effect : No adverse effects expected when used as directed.

Inhalation : No adverse effects expected when used as directed.

Ingestion : May cause abdominal discomfort.
No adverse effects expected when used as directed.

Indication of any immediate medical attention and special treatment needed

See Description of first aid measures unless otherwise stated.

5. FIREFIGHTING MEASURES

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Specific hazards during firefighting : Container may melt and leak in heat of fire.

Further information : Fight fire with normal precautions from a reasonable distance. Standard procedure for chemical fires. Wear full protective clothing and positive pressure self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Wash thoroughly after handling.

Environmental precautions : Outside of normal use, avoid release to the environment.

Methods and materials for containment and cleaning up : Dike large spills.
Clean residue from spill site.

7. HANDLING AND STORAGE

Handling

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Precautions for safe handling : Avoid contact with skin, eyes and clothing.
For personal protection see section 8.
Use only as directed.
KEEP OUT OF REACH OF CHILDREN AND PETS.
Wash thoroughly after handling.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Storage

Requirements for storage areas and containers : Keep container closed when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

Components	CAS-No.	mg/m ³	ppm	Non-standard units	Basis
Glycerin	56-81-5	15 mg/m ³	-	-	OSHA TWA
Glycerin	56-81-5	5 mg/m ³	-	-	OSHA TWA

Personal protective equipment

Respiratory protection : No special requirements.

Hand protection : No special requirements.

Eye protection : No special requirements.

Skin and body protection : No special requirements.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

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Form	: liquid
Color	: green
Odour	: Citrus
Odour Threshold	: Test not applicable for this product type
pH	: 7,0
Melting point/freezing point	: -20°C - 0°C
Initial boiling point and boiling range	: Test not applicable for this product type
Flash point	: Test not applicable for this product type
Evaporation rate	: Test not applicable for this product type
Flammability (solid, gas)	: Test not applicable for this product type
Upper/lower flammability or explosive limits	: Test not applicable for this product type
Vapour pressure	: Test not applicable for this product type
Vapour density	: Test not applicable for this product type
Relative density	: 0,995 g/cm ³ at 25 C
Solubility(ies)	: soluble
Partition coefficient: n-octanol/water	: Test not applicable for this product type

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Auto-ignition temperature	: does not ignite
Decomposition temperature	: Test not applicable for this product type
Viscosity, dynamic	: 24.000 mPa.s at 25 C
Viscosity, kinematic	: Test not applicable for this product type
Oxidizing properties	: Test not applicable for this product type
Volatile Organic Compounds Total VOC (wt. %)*	: 0,7 % - additional exemptions may apply *as defined by US Federal and State Consumer Product Regulations
Other information	: None identified :

10. STABILITY AND REACTIVITY

Reactivity	: No dangerous reaction known under conditions of normal use.
Chemical stability	: Stable under recommended storage conditions.
Possibility of hazardous reactions	: If accidental mixing occurs and toxic gas is formed, exit area immediately. Do not return until well ventilated.
Conditions to avoid	: Direct sources of heat.

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Incompatible materials : Do not mix with bleach or any other household cleaners.
Strong bases

Hazardous decomposition products : Thermal decomposition can lead to release of irritating gases and vapours.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50 > 5000 mg/kg

Acute inhalation toxicity : LC50 > 10 mg/L

Acute dermal toxicity : LD50 > 5000 mg/kg

GHS Properties	Classification	Routes of entry
Acute toxicity	No classification proposed	Oral
Acute toxicity	No classification proposed	Dermal
Acute toxicity	No classification proposed	Inhalation - Dust and Mist
Acute toxicity	No classification proposed	Inhalation - Vapour
Acute toxicity	No classification proposed	Inhalation - Gas
Skin corrosion/irritation	No classification proposed	-
Eye irritation	Category 2B	-
Skin sensitisation	No classification proposed	-
Respiratory sensitisation	No classification proposed	-
Germ cell mutagenicity	No classification proposed	-
Carcinogenicity	No classification proposed	-
Reproductive toxicity	No classification proposed	-

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Specific target organ toxicity - single exposure	No classification proposed	-
Specific target organ toxicity - repeated exposure	No classification proposed	-
Aspiration hazard	No classification proposed	-

Aggravated Medical Condition : None known.

12. ECOLOGICAL INFORMATION

Product : The product itself has not been tested.

Toxicity

The ingredients in this formula have been reviewed and no adverse impact to the environment is expected when used according to label directions.

Toxicity to fish

Components	End point	Species	Value	Exposure time
Alcohols, C11-14-iso-, C13-rich, ethoxylated (EO= 9-10)	No data available			
Glycerin	static test LC50 Measured	Oncorhynchus mykiss (rainbow trout)	54.000 mg/l	96 h
	QSAR Chronic Toxicity Value Measured	Fish	9.471,097 mg/l	30 d
d-Limonene	semi-static test LC50 OECD Test	Pimephales promelas (fathead minnow)	0,41 mg/l	96 h

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	Guideline 203			
	semi-static test NOEC	Pimephales promelas (fathead minnow)	0,059 mg/l	8 d

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
Alcohols, C11-14-iso-, C13-rich, ethoxylated (EO= 9-10)	No data available			
Glycerin	LC50	Daphnia magna (Water flea)	1.955 mg/l	48 h
d-Limonene	static test EC50	Daphnia magna (Water flea)	0,36 mg/l	48 h
	semi-static test NOEC Measured	Daphnia magna	0,08 mg/l	21 d

Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Alcohols, C11-14-iso-, C13-rich, ethoxylated (EO= 9-10)	No data available			
Glycerin	EC10	Microcystis aeruginosa (blue-green algae)	2.900 mg/l	168 h
d-Limonene	static test	Pseudokirchneriella	0,05 mg/l	72 h

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	NOEC OECD Test Guideline 201	subcapitata (green algae)		
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Persistence and degradability

Component	Biodegradation	Exposure time	Summary
Alcohols, C11-14-iso-, C13-rich, ethoxylated (EO= 9-10)	No data available		
Glycerin	94 %	24 h	Readily biodegradable.
d-Limonene	80 %	28 d	Readily biodegradable.

Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Alcohols, C11-14-iso-, C13-rich, ethoxylated (EO= 9-10)	No data available	No data available
Glycerin	0,89 estimated	-1,76
d-Limonene	1.022 QSAR	4,38

Mobility

Component	End point	Value
Alcohols, C11-14-iso-, C13-rich, ethoxylated (EO= 9-10)	No data available	
Glycerin	No data available	-
d-Limonene	Koc	6324 -

PBT and vPvB assessment

Component	Results
Alcohols, C11-14-iso-, C13-rich, ethoxylated (EO= 9-10)	Not fulfilling PBT and vPvB criteria
Glycerin	Not fulfilling PBT and vPvB criteria

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d-Limonene	Not fulfilling PBT and vPvB criteria
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Other adverse effects : None known.

13. DISPOSAL CONSIDERATIONS

Consumer may discard empty container in trash, or recycle where facilities exist.

14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/receiving documents for up-to-date shipping information.

Land transport

Not classified as dangerous in the meaning of transport regulations.

Sea transport

Not classified as dangerous in the meaning of transport regulations.

Air transport

Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

Notification status : All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

California Prop. 65 : This product is not subject to the reporting requirements under California's Proposition 65.

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16. OTHER INFORMATION

HMIS Ratings

Health	1
Flammability	0
Reactivity	0

NFPA Ratings

Health	1
Fire	0
Reactivity	0
Special	-

This information is being provided in accordance with the Occupational Safety and Health Administration (OSHA) regulation (29 CFR 1910.1200). The information supplied is designed for workplaces where product use and frequency of exposure exceeds that established for the labeled consumer use.

Further information

This document has been prepared using data from sources considered to be technically reliable. It does not constitute a warranty, expressed or implied, as to the accuracy of the information contained herein. Actual conditions of use are beyond the seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.

Prepared by	SC Johnson Global Safety Assessment & Regulatory Affairs (GSARA)
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