

**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**

<b>Product name</b>	: Solopol Lime Heavy Duty Hand Cleaner
<b>Recommended use</b>	: Personal care
<b>Restrictions on use</b>	: Use only as directed on label
<b>Manufacturer, importer, supplier</b>	: SC Johnson Professional USA, Inc., 2815 Coliseum Centre Dr., Suite 600, Charlotte, NC 28217,
<b>Telephone</b>	: 1-800-248-7190 (Industrial/Institutional); 1-866-783-0422 (Healthcare)
<b>Emergency telephone number</b>	: (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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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**

<b>Suitable extinguishing media</b>	: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
<b>Specific hazards during firefighting</b>	: Container may melt and leak in heat of fire.
<b>Further information</b>	: 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**

<b>Personal precautions</b>	: Wash thoroughly after handling.
<b>Environmental precautions</b>	: Outside of normal use, avoid release to the environment.
<b>Methods and materials for containment and cleaning up</b>	: 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/m3	ppm	Non-standard units	Basis
Glycerin	56-81-5	15 mg/m3	-	-	OSHA TWA
Glycerin	56-81-5	5 mg/m3	-	-	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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<b>Form</b>	:	liquid
<b>Color</b>	:	green
<b>Odour</b>	:	Citrus
<b>Odour Threshold</b>	:	Test not applicable for this product type
<b>pH</b>	:	7,0
<b>Melting point/freezing point</b>	:	-20°C - 0°C
<b>Initial boiling point and boiling range</b>	:	Test not applicable for this product type
<b>Flash point</b>	:	Test not applicable for this product type
<b>Evaporation rate</b>	:	Test not applicable for this product type
<b>Flammability (solid, gas)</b>	:	Test not applicable for this product type
<b>Upper/lower flammability or explosive limits</b>	:	Test not applicable for this product type
<b>Vapour pressure</b>	:	Test not applicable for this product type
<b>Vapour density</b>	:	Test not applicable for this product type
<b>Relative density</b>	:	0,995 g/cm3 at 25 C
<b>Solubility(ies)</b>	:	soluble
<b>Partition coefficient: n-octanol/water</b>	:	Test not applicable for this product type

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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

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**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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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  QSAR Chronic Toxicity Value Measured	Oncorhynchus mykiss (rainbow trout)  Fish	54.000 mg/l  9.471,097 mg/l	96 h  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
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**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  semi-static test NOEC Measured	Daphnia magna (Water flea)  Daphnia magna	0,36 mg/l  0,08 mg/l	48 h  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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<b>Health</b>	1
<b>Flammability</b>	0
<b>Reactivity</b>	0

**NFPA Ratings**

<b>Health</b>	1
<b>Fire</b>	0
<b>Reactivity</b>	0
<b>Special</b>	-

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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