

**Safety Data Sheet**

according to Hazard Communication Standard; 29 CFR 1910.1200

**Solopol® GFX Heavy Duty Hand Cleaner**

Version 1.0

Print Date 04.08.2025

Revision Date 13.01.2025

SDS Number 350000046383  
GEN\_SOF Number 74259**1. PRODUCT AND COMPANY IDENTIFICATION****Product information**

<b>Product name</b>	: Solopol® GFX 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**

This product does not meet the classification criteria for any hazard class under OSHA regulation 29 CFR 1910.1200.

**Labelling****Precautionary statements**

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Chemical name	CAS-No.	Weight percent
Sodium lauryl ether sulfate	68891-38-3	1,00 - 5,00
Sodium Benzoate	532-32-1	1,00 - 5,00
Oleic acid	112-80-1	1,00 - 5,00
Citric acid	77-92-9	1,00 - 5,00

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** : No special requirements
- 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.
- Skin effect** : No adverse effects expected when used as directed.
- Inhalation** : No adverse effects expected when used as directed.
- Ingestion** : No adverse effects expected when used as directed.

**Indication of any immediate medical attention and special treatment needed**

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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>                                  | : No special precautions required.                         |
| <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.<br>Clean residue from spill site.     |

### 7. HANDLING AND STORAGE

- |  |  |
|--|--|
| <b>Handling</b>  |  |
| <b>Precautions for safe handling</b>                   | : Avoid contact with skin, eyes and clothing.<br>For personal protection see section 8.<br>KEEP OUT OF REACH OF CHILDREN AND PETS. |
| <b>Advice on protection against fire and explosion</b> | : Normal measures for preventive fire protection.  |
| <b>Storage</b>   |  |

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<b>Other data</b>	: Stable at normal ambient temperature and pressure. The product is chemically stable.
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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Occupational Exposure Limits**

Components	CAS-No.	mg/m3	ppm	Non-standard units	Basis
Sodium Benzoate	532-32-1	2,5 mg/m3	-	-	ACGIH TWA

**Personal protective equipment**

<b>Respiratory protection</b>	: No special requirements.
<b>Hand protection</b>	: No special requirements.
<b>Eye protection</b>	: No special requirements.
<b>Skin and body protection</b>	: No special requirements.
<b>Hygiene measures</b>	: Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Form</b>	: suspension
<b>Color</b>	: brown
<b>Odour</b>	: Citrus
<b>Odour Threshold</b>	: Test not applicable for this product type
<b>pH</b>	: 5,0 at (20 °C)

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boiling range** : > 100°C**Flash point** : does not flash**Evaporation rate** : Test not applicable for this product type**Flammability (solid, gas)** : Not classified as a flammability hazard**Upper/lower flammability or  
explosive limits** : Not measured as flashpoint >100 °C**Vapour pressure** : Not measured as flashpoint >100 °C**Vapour density** : Not measured as flashpoint >100 °C**Relative density** : 1,06 g/cm<sup>3</sup> at 20 °C**Solubility(ies)** : soluble**Partition coefficient: n-  
octanol/water** : Not required as the product is a mixture.**Auto-ignition temperature** : not auto-flammable**Decomposition temperature** : Test not applicable for this product type**Viscosity, dynamic** : 3.200 mPa.s  
at 20 °C

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<b>Viscosity, kinematic</b>	: 3.018 mm <sup>2</sup> /s at 20 °C
<b>Oxidizing properties</b>	: Test not applicable for this product type
<b>Volatile Organic Compounds Total VOC (wt. %)*</b>	: 0,3 % - additional exemptions may apply <small>*as defined by US Federal and State Consumer Product Regulations</small>
<b>Other information</b>	: None identified

**10. STABILITY AND REACTIVITY**

<b>Reactivity</b>	: Do not mix with bleach or any other household cleaners.
<b>Chemical stability</b>	: Stable under recommended storage conditions.
<b>Possibility of hazardous reactions</b>	: If accidental mixing occurs and toxic gas is formed, exit area immediately. Do not return until well ventilated.
<b>Conditions to avoid</b>	: Direct sources of heat.
<b>Incompatible materials</b>	: Do not mix with bleach or any other household cleaners. Strong bases
<b>Hazardous decomposition products</b>	: Thermal decomposition can lead to release of irritating gases and vapours.

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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
Sodium lauryl ether sulfate	LC50	Fish	7,1 mg/l	96 h
	flow-through test NOEC	Oncorhynchus mykiss (rainbow trout)	0,14 mg/l	28 d
Sodium Benzoate	flow-through test LC50	Pimephales promelas (fathead minnow)	484 mg/l	96 h
Oleic acid	static test LC50	Cyprinus carpio (Carp)	80 mg/l	48 h

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Citric acid	static test LC50 OECD Test Guideline 203	Leuciscus idus (Golden orfe)	440 mg/l	48 h
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**Toxicity to aquatic invertebrates**

Components	End point	Species	Value	Exposure time
Sodium lauryl ether sulfate	EC50	Daphnia magna (Water flea)	7,2 mg/l	48 h
	NOEC	Daphnia magna	0,27 mg/l	21 d
Sodium Benzoate	static test EC50	Daphnia magna (Water flea)	> 100 mg/l	96 h
Oleic acid	EC50	Daphnia magna (Water flea)	> 2,8 mg/l	48 h
	NOEC	Daphnia magna (Water flea)	32 mg/l	21 d
Citric acid	EC50	Daphnia magna (Water flea)	1.535 mg/l	24 h

**Toxicity to aquatic plants**

Components	End point	Species	Value	Exposure
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				time
Sodium lauryl ether sulfate	EC50	Algae	7,5 mg/l	96 h
Sodium Benzoate	static test EC50	Pseudokirchneriella subcapitata (green algae)	> 100 mg/l	72 h
Oleic acid	EC50	Selenastrum capricornutum, Skeletonema costatum	> 2,6 mg/l	72 h
Citric acid	NOEC	Algae	425 mg/l	8 d

**Persistence and degradability**

Component	Biodegradation	Exposure time	Summary
Sodium lauryl ether sulfate	No data available		
Sodium Benzoate	> 75 %	28 d	Readily biodegradable.
Oleic acid			Readily biodegradable.
Citric acid	97 %	28 d	Readily biodegradable.

**Bioaccumulative potential**

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Sodium lauryl ether sulfate	No data available	0,3
Sodium Benzoate	6,3 estimated	1,88
Oleic acid	44.000 QSAR	7,73 estimated
Citric acid	3	-1,72

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Component	End point	Value
Sodium lauryl ether sulfate		-
Sodium Benzoate	No data available	
Oleic acid	Koc	38000 estimated
Citric acid	Koc	1500

**PBT and vPvB assessment**

Component	Results
Sodium lauryl ether sulfate	Not fulfilling PBT and vPvB criteria
Oleic acid	Not fulfilling PBT and vPvB criteria
Citric acid	Not fulfilling PBT and vPvB criteria

**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.

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- 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.
- Notification status** : All ingredients of this product comply with the New Substances Notification requirements under the Canadian Environmental Protection Act (CEPA).
- California Prop. 65** : This product is not subject to the reporting requirements under California's Proposition 65.

**16. OTHER INFORMATION****HMIS Ratings**

<b>Health</b>	0
<b>Flammability</b>	0
<b>Reactivity</b>	0

**NFPA Ratings**

<b>Health</b>	0
<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.

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**Further information**

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Prepared by

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