

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



Solopol® Heavy Duty Hand Cleaner

Version 1.0

Print Date 30.05.2025

Revision Date 13.01.2025

SDS Number 350000046782
GEN_SOF Number 80682

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Product name : Solopol® 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 |
|-----------------------------------|-----------------|------------------------|
| Serious eye damage/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 |
|--|------------|----------------|
| Sodium lauryl ether sulfate | 68891-38-3 | 5,00 - 10,00 |
| Alcohols, C12-16, ethoxylated (EO = 5) | 68551-12-2 | 5,00 - 10,00 |
| Sodium chloride | 7647-14-5 | 1,00 - 5,00 |
| Titanium Dioxide | 13463-67-7 | 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

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| | | |
|-------------|---|---|
| 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 | : | 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. |

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7. HANDLING AND STORAGE

Handling

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

Other data : Stable at normal ambient temperature and pressure.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

| Components | CAS-No. | mg/m3 | ppm | Non-standard units | Basis |
|------------------|------------|-----------|-----|--------------------|-----------|
| Titanium Dioxide | 13463-67-7 | 0,2 mg/m3 | - | - | ACGIH TWA |
| Titanium Dioxide | 13463-67-7 | 2,5 mg/m3 | - | - | ACGIH TWA |
| Titanium Dioxide | 13463-67-7 | 15 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.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : suspension

Color : beige

Odour : Citrus

Odour Threshold : Test not applicable for this product type

pH : 4,4
at (20 °C)

Melting point/freezing point : -20°C - 0°C

Initial boiling point and boiling range : > 100°C

Flash point : does not flash

Evaporation rate : Test not applicable for this product type

Flammability (solid, gas) : The product is not flammable.

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

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| | |
|--|---|
| Relative density | : 1,065 g/cm3 |
| 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 | : 16.000 mPa.s at 20 C |
| Viscosity, kinematic | : 15.023 mm2/s |
| Oxidizing properties | : Test not applicable for this product type |
| Volatile Organic Compounds Total VOC (wt. %)* | : 0,1 % - additional exemptions may apply *as defined by US Federal and State Consumer Product Regulations |
| Other information | : None identified |

10. STABILITY AND REACTIVITY

| | |
|-------------------|---|
| Reactivity | : Do not mix with bleach or any other household cleaners. |
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|---|--|
| Chemical stability | : Stable under recommended storage conditions. |
| Possibility of hazardous reactions | : Stable under recommended storage conditions. |
| Conditions to avoid | : Direct sources of heat. |
| Incompatible materials | : None known. |
| 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 | - |
| Serious eye damage/eye irritation | Category 2B | - |
| Skin sensitisation | No classification proposed | - |

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| | | |
|--|----------------------------|---|
| Respiratory sensitisation | No classification proposed | - |
| Germ cell mutagenicity | No classification proposed | - |
| Carcinogenicity | No classification proposed | - |
| Reproductive toxicity | No classification proposed | - |
| 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 |
|--|------------------------|-------------------------------------|-------------|---------------|
| 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 |
| Alcohols, C12-16, ethoxylated (EO = 5) | OECD Test | Danio rerio (zebra fish) | 1 - 10 mg/l | 96 h |

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|------------------|------------------------|--------------------------------------|------------|------|
| | Guideline 203 | | | |
| Sodium chloride | flow-through test LC50 | Lepomis macrochirus | 5.840 mg/l | 96 h |
| | NOEC | Pimephales promelas (fathead minnow) | 252 mg/l | 33 d |
| Titanium Dioxide | No data available | | | |

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 |
| Alcohols, C12-16, ethoxylated (EO = 5) | No data available | | | |
| Sodium chloride | static test EC50 | Daphnia magna (Water flea) | 340,7 - 469,2 mg/l | 48 h |
| | NOEC | Daphnia pulex | 314 mg/l | 21 d |
| Titanium Dioxide | EC50 | Daphnia magna (Water flea) | > 500 mg/l | 48 h |

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| | | | | |
|--|------|---------------|-------------|------|
| | NOEC | Daphnia magna | > 2,92 mg/l | 21 d |
|--|------|---------------|-------------|------|

Toxicity to aquatic plants

| Components | End point | Species | Value | Exposure time |
|--|-------------------|---|------------|---------------|
| Sodium lauryl ether sulfate | EC50 | Algae | 7,5 mg/l | 96 h |
| Alcohols, C12-16, ethoxylated (EO = 5) | No data available | | | |
| Sodium chloride | IC50 | Algae | 3.014 mg/l | 72 h |
| Titanium Dioxide | static test EC50 | Pseudokirchneriella subcapitata (green algae) | 61 mg/l | 72 h |

Persistence and degradability

| Component | Biodegradation | Exposure time | Summary |
|--|-------------------|---------------|------------------------|
| Sodium lauryl ether sulfate | No data available | | |
| Alcohols, C12-16, ethoxylated (EO = 5) | > 70 % | 28 d | Readily biodegradable. |
| Sodium chloride | No data available | | |
| Titanium Dioxide | No data available | | |

Bioaccumulative potential

| Component | Bioconcentration factor (BCF) | Partition Coefficient n-Octanol/water (log) |
|--|-------------------------------|---|
| Sodium lauryl ether sulfate | No data available | 0,3 |
| Alcohols, C12-16, ethoxylated (EO = 5) | No data available | No data available |
| Sodium chloride | 1,09 QSAR | 0,54 |
| Titanium Dioxide | No data available | No data available |

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| Component | End point | Value |
|--|-------------------|-------|
| Sodium lauryl ether sulfate | | - |
| Alcohols, C12-16, ethoxylated (EO = 5) | No data available | |
| Sodium chloride | No data available | |
| Titanium Dioxide | No data available | |

PBT and vPvB assessment

| Component | Results |
|--|--------------------------------------|
| Sodium lauryl ether sulfate | Not fulfilling PBT and vPvB criteria |
| Alcohols, C12-16, ethoxylated (EO = 5) | Not fulfilling PBT and vPvB criteria |
| Sodium chloride | Not fulfilling PBT and vPvB criteria |
| Titanium Dioxide | 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

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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.
- 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

| | |
|--------------|---|
| Health | 2 |
| Flammability | 0 |
| Reactivity | 0 |

NFPA Ratings

| | |
|------------|---|
| Health | 2 |
| 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.

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Further information

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