

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



SHOUT® FREE LAUNDRY STAIN REMOVER

Version 1.0

Print Date 10/08/2018

Revision Date 09/11/2018

SDS Number 350000035252

GEN_SOF Number 64301

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Product name : SHOUT® FREE LAUNDRY STAIN REMOVER

Recommended use :

Restrictions on use : Use only as directed on label

Manufacturer, importer, supplier : S.C. Johnson & Son, Inc.
1525 Howe Street
Racine WI 53403-2236

Telephone : +1-800-558-5252

Emergency telephone number : 24 Hour Medical Emergency Phone: (866)231-5406
24 Hour International Emergency Phone: (703)527-3887
24 Hour Transport Emergency Phone: (800)424-9300

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Globally Harmonized System (GHS) Classification

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

Labelling

Precautionary statements

Other hazards : None identified

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical name | CAS-No. | Weight percent |
|---------------|---------|----------------|
|---------------|---------|----------------|

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| | | |
|-----------------------------------|-------------|---------------|
| Alkylpolyglycoside C10-16 | 110615-47-9 | 1.00 - 5.00 |
| Sodium borate | 1330-43-4 | 0.10 - 1.00 |
| Subtilisins (proteolytic enzymes) | 9014-01-1 | 0.0001 - 0.10 |

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

For additional information on product ingredients, see www.whatsinsidescjohnson.com.

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

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 : Container may melt and leak in heat of fire.

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firefighting

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

Precautions for safe handling : Avoid contact with skin, eyes and clothing.
For personal protection see section 8.
KEEP OUT OF REACH OF CHILDREN AND PETS.

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.

Other data : Stable under recommended storage conditions.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

ACGIH or OSHA exposure limits have not been established for this product or reportable ingredients unless noted in the table above.

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

Form : liquid

Color : Colorless

Odour : odourless

Odour Threshold : Test not applicable for this product type

pH : 8.0
at (25 °C)

Melting point/freezing point : 0 C

Initial boiling point and boiling range : 100 °C

Flash point : does not flash

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| | |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------|
| Evaporation rate | : Test not applicable for this product type |
| Flammability (solid, gas) | : Does not sustain combustion. |
| Upper/lower flammability or explosive limits | : Test not applicable for this product type |
| Vapour pressure | : Test not applicable for this product type |
| Vapour density | : |
| Relative density | : 1.012 g/cm ³ at 20 °C |
| Solubility(ies) | : completely soluble |
| Partition coefficient: n-octanol/water | : Test not applicable for this product type |
| Auto-ignition temperature | : Test not applicable for this product type |
| Decomposition temperature | : Test not applicable for this product type |
| Viscosity, dynamic | : 450 mPa.s at 25 °C |
| Viscosity, kinematic | : Very viscous |
| Oxidizing properties | : Test not applicable for this product type |
| Volatile Organic Compounds | : 0 % - additional exemptions may apply *as defined by US Federal and State Consumer Product |

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Total VOC (wt. %)*

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.

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 0.4 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 |

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| | | |
|----------------------------------------------------|----------------------------|----------------------------|
| 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 | No classification proposed | - |
| 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 | - |
| 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

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| Components | End point | Species | Value | Exposure time |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|-----------------------------------------|------------------|---------------|
| Alkylpolyglycoside C10-16 | semi-static test LC50 ISO 7346/2 | Fish | 1 - 10 mg/l | |
| | NOEC | Fish | > 1 - 10 mg/l | |
| Sodium borate | flow-through test LC50 | Limanda Limanda | 74 mg/l | 96 h |
| | semi-static test NOEC OECD Guideline 210 (Fish, Early-Life Stage Toxicity Test) | Danio rerio (zebra fish) | 6.4 mg/l | 34 d |
| Subtilisins (proteolytic enzymes) | LC50 Measured OECD Test Guideline 203 | Oncorhynchus mykiss (rainbow trout) | 8.2 mg/l | 96 h |
| | flow-through test NOEC OECD Guideline 210 (Fish, Early-Life Stage | Pimephales promelas (fathead minnow) | 0.042 mg/l | |

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|--|----------------|--|--|--|
| | Toxicity Test) | | | |
|--|----------------|--|--|--|

Toxicity to aquatic invertebrates

| Components | End point | Species | Value | Exposure time |
|-----------------------------------|---------------------------------------------------------------------|----------------------------|----------------|---------------|
| Alkylpolyglycoside C10-16 | static test EC50 | Daphnia magna (Water flea) | 7 mg/l | 48 h |
| | NOEC | Daphnia | > 1 - 10 mg/l | |
| Sodium borate | static test LC50 | Daphnia magna (Water flea) | 104 - 159 mg/l | 48 h |
| | semi-static test NOEC | | 10 mg/l | 21 d |
| Subtilisins (proteolytic enzymes) | semi-static EC50 Measured OECD Test Guideline 202 | Daphnia magna (Water flea) | 0.170 mg/l | 48 h |
| | flow-through test NOEC Measured OECD | Daphnia magna | 0.324 mg/l | 21 d |

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| | | | | |
|--|-------------------------------------------------|--|--|--|
| | Guideline 211 (Daphnia magna Reproduction Test) | | | |
|--|-------------------------------------------------|--|--|--|

Toxicity to aquatic plants

| Components | End point | Species | Value | Exposure time |
|-----------------------------------|------------------------------------------------------------------------------|-----------------------------------------------|------------|---------------|
| Alkylpolyglycoside C10-16 | static test EC50 | Desmodesmus subspicatus (green algae) | 12.5 mg/l | 72 h |
| Sodium borate | Static NOEC | Phaeodactylum tricornutum | 27.9 mg/l | 72 h |
| Subtilisins (proteolytic enzymes) | ErC50 Measured OECD Test Guideline 201 NOEC Measured OECD Test Guideline 201 | Pseudokirchneriella subcapitata (green algae) | 0.83 mg/l | 72 h |
| | | Pseudokirchneriella subcapitata (green algae) | 0.317 mg/l | 72 h |

Persistence and degradability

| Component | Biodegradation | Exposure time | Summary |
|-----------------------------------|-------------------|---------------|------------------------|
| Alkylpolyglycoside C10-16 | > 70 % | 28 d | Readily biodegradable. |
| Sodium borate | No data available | | |
| Subtilisins (proteolytic enzymes) | 100 % | 29 d | Readily biodegradable. |

Bioaccumulative potential

| Component | Bioconcentration factor (BCF) | Partition Coefficient n-Octanol/water (log) |
|-----------|-------------------------------|---------------------------------------------|
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| | | |
|-----------------------------------|-------------------|-------------------|
| Alkylpolyglycoside C10-16 | No data available | <= -0.07 |
| Sodium borate | No data available | No data available |
| Subtilisins (proteolytic enzymes) | No data available | -3.1 Measured |

Mobility

| Component | End point | Value |
|-----------------------------------|-------------------|-------|
| Alkylpolyglycoside C10-16 | log Koc | 1.7 |
| Sodium borate | No data available | |
| Subtilisins (proteolytic enzymes) | No data available | |

PBT and vPvB assessment

| Component | Results |
|-----------------------------------|--------------------------------------|
| Alkylpolyglycoside C10-16 | Not fulfilling PBT and vPvB criteria |
| Subtilisins (proteolytic enzymes) | 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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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.

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 | 0 |
| Flammability | 0 |
| Reactivity | 0 |

NFPA Ratings

| | |
|-------------------|---|
| Health | 0 |
| 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) |
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