12/2/16

*Safety Data Sheet*

according to Hazard Communication Standard; 29 CFR 1910.1200

SC Johnson
A FAMILY COMPANY

# SHOUT® ADVANCED LAUNDRY STAIN REMOVER

Version 1.0 Print Date 04/02/2015

Revision Date 02/18/2015 SDS Number 350000004045

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product information**

**Product name** : **SHOUT® ADVANCED LAUNDRY STAIN REMOVER**

**Recommended use** : Spot & Stain Remover

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

**Telephone** : +18005585252

**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**

| Hazard classification | Hazard category | Hazards identification |
|---|---|---|
| Aerosol | Category 2 | Flammable aerosol. |
| Aspiration hazard | Category 1 | May be fatal if swallowed and enters airways. |

**Labelling**
**Hazard symbols**
Flame
Health hazard

**Signal word**
Danger

**Hazard statements**
Flammable aerosol.
May be fatal if swallowed and enters airways.

**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 SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.
Do NOT induce vomiting.

Store locked up.
Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.
Dispose of contents/ container to an approved incineration plant.
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Do not spray on an open flame or other ignition source.
Do not pierce or burn, even after use.
**Other hazards** : None identified

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS-No. | Weight percent |
|---|---|---|
| 1-Tetradecene | 1120-36-1 | 10.00 - 30.00 |
| Alcohols, C12-16, ethoxylated | 68551-12-2 | 5.00 - 10.00 |
| Butane | 106-97-8 | 5.00 - 10.00 |
| Propane | 74-98-6 | 1.00 - 5.00 |
| Isobutane | 75-28-5 | 1.00 - 5.00 |

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

**Eye contact** : No special requirements

**Skin contact** : No special requirements

**Inhalation** : No special requirements.

**Ingestion** : IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician. Do NOT induce vomiting.

## 5. FIREFIGHTING MEASURES

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

| | | |
|---|---|---|
| **Specific hazards during firefighting** | : | Aerosol Product - Containers may rocket or explode in heat of fire. |
| **Further information** | : | Fight fire from maximum distance or protected area. Cool and use caution when approaching or handling fire-exposed containers. Wear full protective clothing and positive pressure self-contained breathing apparatus. In case of fire and/or explosion do not breathe fumes. |
| **NFPA Classification** | : | NFPA Level 1 Aerosol |

## 6. ACCIDENTAL RELEASE MEASURES

| | | |
|---|---|---|
| **Personal precautions** | : | Remove all sources of ignition.<br>Wash thoroughly after handling. |
| **Environmental precautions** | : | Outside of normal use, avoid release to the environment. |
| **Methods and materials for containment and cleaning up** | : | If damage occurs to aerosol can:<br>Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).<br>Use only non-sparking equipment.<br>Dike large spills.<br>Clean residue from spill site. |

## 7. HANDLING AND STORAGE

**Handling**

| | | |
|---|---|---|
| **Precautions for safe handling** | : | Avoid contact with skin, eyes and clothing.<br>For personal protection see section 8.<br>Use only as directed.<br>KEEP OUT OF REACH OF CHILDREN AND PETS.<br>Pressurized container.<br>Do not pierce or burn, even after use. |
| **Advice on protection against fire and explosion** | : | Keep away from sources of ignition - No smoking.<br>Do not spray on an open flame or other ignition source. |

**Storage**

**Requirements for storage areas and containers** : Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.
Keep in a dry, cool and well-ventilated place.
Store locked up.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Occupational Exposure Limits**

| Components | CAS-No. | mg/m3 | ppm | Non-standard units | Basis |
|---|---|---|---|---|---|
| Butane | 106-97-8 | - | 1,000 ppm | - | ACGIH STEL |
| Propane | 74-98-6 | - | 1,000 ppm | - | ACGIH TWA |
| Propane | 74-98-6 | 1,800 mg/m3 | 1,000 ppm | - | OSHA TWA |
| Isobutane | 75-28-5 | - | 1,000 ppm | - | ACGIH STEL |

**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

**Odour Threshold** : No data available

| | | |
|---|---|---|
| **pH** | : | 7.5 |
| **Melting point/freezing point** | : | No data available |
| **Initial boiling point and boiling range** | : | No data available |
| **Flash point** | : | < -7 °C<br>< 19.4 °F<br>Method: Tag Closed Cup (TCC)<br>Propellant |
| **Evaporation rate** | : | Not applicable |
| **Flammability (solid, gas)** | : | Sustains combustion |
| **Upper/lower flammability or explosive limits** | : | No data available |
| **Vapour pressure** | : | No data available |
| **Vapour density** | : | No data available |
| **Relative density** | : | 0.921 g/cm3 |
| **Solubility(ies)** | : | soluble |
| **Partition coefficient: n-octanol/water** | : | No data available |
| **Auto-ignition temperature** | : | Not applicable |
| **Decomposition temperature** | : | No data available |

| | | |
|---|---|---|
| **Viscosity, dynamic** | : | No data available |
| **Viscosity, kinematic** | : | No data available |
| **Oxidizing properties** | : | No data available |
| **Volatile Organic Compounds Total VOC (wt. %)*** | : | 13.3 % - additional exemptions may apply<br>*as defined by US Federal and State Consumer Product Regulations |
| **Other information** | : | None identified |

## 10. STABILITY AND REACTIVITY

| | | |
|---|---|---|
| **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** | : | Heat, flames and sparks. |
| **Incompatible materials** | : | Strong oxidizing agents<br>Do not mix with bleach or any other household cleaners.<br>Strong bases |
| **Hazardous decomposition products** | : | Thermal decomposition can lead to release of irritating gases and vapours. |

## 11. TOXICOLOGICAL INFORMATION

| | | |
|---|---|---|
| **Emergency Overview** | : | Danger |
| **Acute oral toxicity** | : | LD50<br>estimated<br>> 5,000 mg/kg |
| **Acute inhalation toxicity** | : | LC50 |

estimated
> 261 mg/l

**Acute dermal toxicity** : LD50
estimated
> 2,000 mg/kg

| GHS Properties | Classification | Routes of entry |
|---|---|---|
| Aerosol | Category 2 | - |
| Acute toxicity | No classification proposed | - |
| 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 | Category 1 | - |

**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 |
|---|---|---|---|---|
| 1-Tetradecene | No data available | | | |
| Alcohols, C12-16, ethoxylated | No data available | | | |
| Butane | No data available | | | |
| Propane | LC50 | Fish | 27.98 mg/l | 96 h |
| Isobutane | LC50 | Fish | 27.98 mg/l | 96 h |

**Toxicity to aquatic invertebrates**

| Components | End point | Species | Value | Exposure time |
|---|---|---|---|---|
| 1-Tetradecene | No data available | | | |
| Alcohols, C12-16, ethoxylated | No data available | | | |
| Butane | No data available | | | |
| Propane | LC50 | Daphnid | 14.22 mg/l | 48 h |
| Isobutane | LC50 | Daphnid | 16.33 mg/l | 48 h |

| | | | | |
|---|---|---|---|---|
| | | | | |

**Toxicity to aquatic plants**

| Components | End point | Species | Value | Exposure time |
|---|---|---|---|---|
| 1-Tetradecene | No data available | | | |
| Alcohols, C12-16, ethoxylated | No data available | | | |
| Butane | No data available | | | |
| Propane | No data available | | | |
| Isobutane | EC50 | Green algea | 8.57 mg/l | 96 h |

**Persistence and degradability**

| Component | Biodegradation | Exposure time | Summary |
|---|---|---|---|
| 1-Tetradecene | 62 - 65 % | 28 d | |
| Alcohols, C12-16, ethoxylated | No data available | | |
| Butane | 100 % | 385.5 h | Readily biodegradable |
| Propane | 70 % | < 10 d | Readily biodegradable |
| Isobutane | 70 % | < 10 d | Readily biodegradable |

**Bioaccumulative potential**

| Component | Bioconcentration factor (BCF) | Partition Coefficient n-Octanol/water (log) |
|---|---|---|
| 1-Tetradecene | 17,500 - 51,000 Calculated | 7.3 Calculated |
| Alcohols, C12-16, ethoxylated | 1,152 | 5.96 |
| Butane | No data available | 2.89 |
| Propane | No data available | 2.36 |
| Isobutane | 1.57 - 1.97 | 2.8 |

**Mobility**

| Component | End point | Value |
|---|---|---|
| 1-Tetradecene | No data available | |
| Alcohols, C12-16, ethoxylated | No data available | |
| Butane | No data available | |
| Propane | No data available | |
| Isobutane | No data available | |

**PBT and vPvB assessment**

| Component | Results |
|---|---|
| 1-Tetradecene | Not fulfilling PBT and vPvB criteria |
| Alcohols, C12-16, ethoxylated | Not fulfilling PBT and vPvB criteria |
| Butane | Not fulfilling PBT and vPvB criteria |
| Propane | 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 | Sea transport | Air transport |
|---|---|---|---|
| **UN number** | 1950 | 1950 | 1950 |
| **UN proper shipping name** | AEROSOLS, Flammable, 2.1 | AEROSOLS, Flammable, 2.1 | AEROSOLS, Flammable, 2.1 |
| **Transport hazard class(es)** | 2.1 | 2 | 2.1 |
| **Packing group** | - | - | - |
| **Environmental hazards** | - | - | - |
| **Special precautions for user** | Limited quantities derogation may be applicable to this product, please check transport documents. | Limited quantities derogation may be applicable to this product, please check transport documents. | Limited quantities derogation may be applicable to this product, please check transport documents. |

## 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.

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## 16. OTHER INFORMATION

**HMIS Ratings**

| | |
|---|---|
| **Health** | 2 |
| **Flammability** | 4 |
| **Reactivity** | 0 |

**NFPA Ratings**

| | |
|---|---|
| **Health** | 2 |
| **Fire** | 4 |
| **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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