

## Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



# SHOUT® ADVANCED LAUNDRY STAIN REMOVER

Version 3.0

Print Date 06/07/2018

Revision Date 05/10/2018

SDS Number 350000004045

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product information

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

**Recommended use** : Spot & Stain Remover

**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

Hazard classification	Hazard category	Hazards identification
Aerosol	Category 2	Flammable aerosol.
Aspiration hazard	Category 1	May be fatal if swallowed and enters airways.
Gases under pressure	Liquefied gas	Contains gas under pressure; may explode if heated.

### Labelling

#### Hazard symbols

Flame  
Gas cylinder  
Health hazard

#### Signal word

Danger

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### Hazard statements

Flammable aerosol.

Contains gas under pressure; may explode if heated.

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/doctor.

Do NOT induce vomiting.

Store locked up.

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.

Protect from sunlight. Store in a well-ventilated place.

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.

Pressurized container: Do not pierce or burn, even after use.

**Other hazards** : Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal.  
Excessive exposure to spray mist, fog or vapour may cause respiratory irritation.

## 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
Sodium borate	1330-43-4	0.10 - 1.00
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.

For additional information on product ingredients, see [www.whatsinsidescjohnson.com](http://www.whatsinsidescjohnson.com).

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## 4. FIRST AID MEASURES

### Description of 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/doctor. Do NOT induce vomiting.

### Most important symptoms and effects, both acute and delayed

- Eyes** : May irritate eyes.
- Skin effect** : No adverse effects expected when used as directed.
- Inhalation** : Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal. Excessive exposure to spray mist, fog or vapour may cause respiratory irritation. May be fatal if swallowed and enters airways.
- Ingestion** : Can cause chemical pneumonitis if aspirated into lungs. No adverse effects expected when used as directed. May be fatal if swallowed and enters airways.

### 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** : Aerosol Product - Containers may rocket or explode in heat of fire.

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**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.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions** : Remove all sources of ignition.  
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:  
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).  
Use only non-sparking equipment.  
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.  
Use only as directed.  
KEEP OUT OF REACH OF CHILDREN AND PETS.  
Pressurized container.  
Do not pierce or burn, even after use.

**Advice on protection against fire and explosion** : Keep away from sources of ignition - No smoking.  
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.

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Keep in a dry, cool and well-ventilated place.  
Store locked up.  
Protect from sunlight.  
Store in a well-ventilated place.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Occupational Exposure Limits**

Components	CAS-No.	mg/m <sup>3</sup>	ppm	Non-standard units	Basis
Butane	106-97-8	-	1,000 ppm	-	ACGIH STEL
Propane	74-98-6	1,800 mg/m <sup>3</sup>	1,000 ppm	-	OSHA TWA
Propane	74-98-6	-	-	-	ACGIH 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****Form** : aerosol**Color** : opaque

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<b>Odour</b>	: Citrus
<b>Odour Threshold</b>	: No data available
<b>pH</b>	: 7.5
<b>Melting point/freezing point</b>	: No data available
<b>Initial boiling point and boiling range</b>	: No data available
<b>Flash point</b>	: < -7 °C < 19.4 °F Method: Tag Closed Cup (TCC) Propellant
<b>Evaporation rate</b>	: Not applicable
<b>Flammability (solid, gas)</b>	: Sustains combustion
<b>Upper/lower flammability or explosive limits</b>	: No data available
<b>Vapour pressure</b>	: No data available
<b>Vapour density</b>	: No data available
<b>Relative density</b>	: 0.921 g/cm <sup>3</sup>
<b>Solubility(ies)</b>	: soluble
<b>Partition coefficient: n-octanol/water</b>	: No data available

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<b>Auto-ignition temperature</b>	: Not applicable	
<b>Decomposition temperature</b>	: No data available	
<b>Viscosity, dynamic</b>	: No data available	
<b>Viscosity, kinematic</b>	: No data available	
<b>Oxidizing properties</b>	: No data available	
<b>Volatile Organic Compounds Total VOC (wt. %)*</b>	: 13.3 % - additional exemptions may apply *as defined by US Federal and State Consumer Product Regulations	
<b>Other information</b>	: None identified	:

## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	: No dangerous reaction known under conditions of normal use.
<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>	: Heat, flames and sparks.
<b>Incompatible materials</b>	: Strong oxidizing agents Do not mix with bleach or any other household cleaners. Strong bases

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**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	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	No classification proposed	-



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exposure		
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	LC50	Danio rerio (zebra fish)	1 - 10 mg/l	96 h
Butane	LC50 QSAR	Fish	27.98 mg/l	96 h
Propane	LC50	Fish	27.98 mg/l	96 h
Isobutane	LC50 QSAR	Fish	27.98 mg/l	96 h
Sodium borate	flow-through test LC50	Limanda Limanda	74 mg/l	96 h

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	semi-static test NOEC OECD Guideline 210 (Fish, Early-Life Stage Toxicity Test)	Danio rerio (zebra fish)	6.4 mg/l	34 d
d-Limonene	semi-static test LC50 OECD Test Guideline 203	Pimephales promelas (fathead minnow)	0.41 mg/l	96 h

**Toxicity to aquatic invertebrates**

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

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Sodium borate	static test LC50	Daphnia magna (Water flea)	104 - 159 mg/l	48 h
	semi- static test NOEC		10 mg/l	21 d
d-Limonene	static test EC50	Daphnia magna (Water flea)	0.36 mg/l	48 h
	NOEC QSAR	Daphnia magna	0.115 mg/l	16 d

**Toxicity to aquatic plants**

Components	End point	Species	Value	Exposure time
1-Tetradecene	No data available			
Alcohols, C12-16, ethoxylated				
Butane	EC50 QSAR	Green algae	7.71 mg/l	96 h
Propane	No data available			
Isobutane	EC50 QSAR	Green algae	8.57 mg/l	96 h
Sodium borate	Static NOEC	Phaeodactylum tricornutum	27.9 mg/l	72 h
d-Limonene	static test NOEC	Pseudokirchneriella subcapitata (green algae)	0.05 mg/l	72 h

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	OECD Test Guideline 201			
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**Persistence and degradability**

Component	Biodegradation	Exposure time	Summary
1-Tetradecene	62 - 65 %	28 d	Readily biodegradable.
Alcohols, C12-16, ethoxylated	87 %	28 d	Readily biodegradable.
Butane	100 %	385.5 h	Readily biodegradable.
Propane	70 %	< 10 d	Readily biodegradable.
Isobutane	70 %	< 10 d	Readily biodegradable.
Sodium borate	No data available		
d-Limonene	80 %	28 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 1,152	5.96 5.96
Butane	No data available	2.89
Propane	No data available	2.36
Isobutane	1.57 - 1.97	2.8
Sodium borate	No data available	No data available
d-Limonene	1,022 QSAR	4.38

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**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	
Sodium borate	No data available	
d-Limonene	Koc	6324

**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
Isobutane	Not fulfilling PBT and vPvB criteria
d-Limonene	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.

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	Land transport	Sea transport	Air transport
UN number	1950	1950	1950
UN proper shipping name	AEROSOLS, Flammable	AEROSOLS, Flammable	AEROSOLS, Flammable
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.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Product not transported as bulk.	Product not transported as bulk.	Product not transported as bulk.

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

<b>Health</b>	2
<b>Flammability</b>	4
<b>Reactivity</b>	0

**NFPA Ratings**

<b>Health</b>	2
<b>Fire</b>	4
<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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