

**Safety Data Sheet**

according to Hazard Communication Standard; 29 CFR 1910.1200



**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.

**Safety Data Sheet**

according to Hazard Communication Standard; 29 CFR 1910.1200



**SHOUT® ADVANCED LAUNDRY STAIN REMOVER**

Version 1.0

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Revision Date 02/18/2015

SDS Number 350000004045

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](http://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.

**Safety Data Sheet**

according to Hazard Communication Standard; 29 CFR 1910.1200



**SHOUT® ADVANCED LAUNDRY STAIN REMOVER**

Version 1.0

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SDS Number 350000004045

- 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

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**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.

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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.  
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.

## Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



# SHOUT® ADVANCED LAUNDRY STAIN REMOVER

Version 1.0

Print Date 04/02/2015

Revision Date 02/18/2015

SDS Number 350000004045

### 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

**Safety Data Sheet**

according to Hazard Communication Standard; 29 CFR 1910.1200



**SHOUT® ADVANCED LAUNDRY STAIN REMOVER**

Version 1.0

Print Date 04/02/2015

Revision Date 02/18/2015

SDS Number 350000004045

- pH** : 7.5
  
- Melting point/freezing point** : No data available
  
- Initial boiling point and boiling range** : No data available
  
- Flash point** : < -7 °C  
< 19.4 °F  
Method: Tag Closed Cup (TCC)  
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/cm<sup>3</sup>
  
- Solubility(ies)** : soluble
  
- Partition coefficient: n-octanol/water** : No data available
  
- Auto-ignition temperature** : Not applicable
  
- Decomposition temperature** : No data available

**Safety Data Sheet**

according to Hazard Communication Standard; 29 CFR 1910.1200



**SHOUT® ADVANCED LAUNDRY STAIN REMOVER**

Version 1.0

Print Date 04/02/2015

Revision Date 02/18/2015

SDS Number 350000004045

- 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  
\*as defined by US Federal and State Consumer Product Regulations
- Other information** : None identified :

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**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  
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.

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**11. TOXICOLOGICAL INFORMATION**

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

**Safety Data Sheet**

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**SHOUT® ADVANCED LAUNDRY STAIN REMOVER**

Version 1.0

Print Date 04/02/2015

Revision Date 02/18/2015

SDS Number 350000004045

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**

**Safety Data Sheet**

according to Hazard Communication Standard; 29 CFR 1910.1200

**SHOUT® ADVANCED LAUNDRY STAIN REMOVER**

Version 1.0

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Revision Date 02/18/2015

SDS Number 350000004045

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



**Safety Data Sheet**

according to Hazard Communication Standard; 29 CFR 1910.1200

**SHOUT® ADVANCED LAUNDRY STAIN REMOVER**

Version 1.0

Print Date 04/02/2015

Revision Date 02/18/2015

SDS Number 350000004045

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**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

**Safety Data Sheet**

according to Hazard Communication Standard; 29 CFR 1910.1200



**SHOUT® ADVANCED LAUNDRY STAIN REMOVER**

Version 1.0

Print Date 04/02/2015

Revision Date 02/18/2015

SDS Number 350000004045

**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.

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**13. DISPOSAL CONSIDERATIONS**

Consumer may discard empty container in trash, or recycle where facilities exist.

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**14. TRANSPORT INFORMATION**

Please refer to the Bill of Lading/receiving documents for up-to-date shipping information.

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**SHOUT® ADVANCED LAUNDRY STAIN REMOVER**

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SDS Number 350000004045

	<b>Land transport</b>	<b>Sea transport</b>	<b>Air transport</b>
<b>UN number</b>	1950	1950	1950
<b>UN proper shipping name</b>	AEROSOLS, Flammable, 2.1	AEROSOLS, Flammable, 2.1	AEROSOLS, Flammable, 2.1
<b>Transport hazard class(es)</b>	2.1	2	2.1
<b>Packing group</b>	-	-	-
<b>Environmental hazards</b>	-	-	-
<b>Special precautions for user</b>	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.

**Safety Data Sheet**

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Revision Date 02/18/2015

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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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