

Material Safety Data Sheet

according to ANSI Z400.1- 2004 and 29 CFR 1910.1226



SHOUT® ADVANCED STAIN-LIFTING FOAM LAUNDRY STAIN REMOVER

Version 1.0

Print Date 03/04/2011

Revision Date 12/07/2010

MSDS Number 350000004045
SITE_FORM Number
30000000000000003376.001

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

- Trade name : SHOUT® ADVANCED STAIN-LIFTING FOAM LAUNDRY STAIN REMOVER
- Use of the Substance/Mixture : Spot & Stain Remover
- Company : S.C. Johnson & Son, Inc.
1525 Howe Street
Racine WI 53403-2236
- Emergency telephone number : 24 Hour Transport & Medical Emergency Phone (866) 231-5406
24 Hour International Emergency Phone (952) 852-4647

2. HAZARDS IDENTIFICATION

Emergency Overview

- Appearance / Odor : opaque / aerosol / pleasant

Immediate Concerns

- : Danger
HARMFUL OR FATAL IF SWALLOWED.
Avoid contact with skin, eyes and clothing.
Contents under pressure.
Do not puncture or incinerate.
Do not store at temperatures above 120 Deg. F (50 Deg C), as container may burst.
Keep away from heat, sparks and flame.

Potential Health Effects

- Exposure routes : Eye, Skin, Inhalation, Ingestion.
- Eyes : May cause:
Mild eye irritation
- Skin : Prolonged or repeated contact may dry skin and cause irritation.
- Inhalation : Excessive exposures may affect human health, as follows:
May cause nose, throat, and lung irritation.
Inhalation may cause central nervous system effects.
- Ingestion : Aspiration hazard if swallowed - can enter lungs and cause damage.

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May cause irritation to mouth, throat and stomach.
May cause abdominal discomfort.

Aggravated Medical
Condition

: Persons with pre-existing skin disorders may be more susceptible to irritating effects.
Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc. may be more susceptible to irritating effects.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous chemicals present at or above reportable levels as defined by OSHA 29 CFR 1910.1200 or the Canadian Controlled Products Regulations are listed in this table:

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

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

4. FIRST AID MEASURES

Eye contact : Rinse with plenty of water. Get medical attention if irritation develops and persists.

Skin contact : Rinse with plenty of water. Get medical attention if irritation develops and persists.

Inhalation : Remove to fresh air. If breathing is affected, get medical attention.

Ingestion : If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

5. FIRE-FIGHTING MEASURES

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

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Specific hazards during fire fighting : Aerosol Product - Containers may rocket or explode in heat of fire. Container may melt and leak 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.

Flash point : < -7 °C
< 19.4 °F
Method: Tag Closed Cup (TCC)
Note: Propellant

Lower explosion limit : Note: no data available

Upper explosion limit : Note: no data available

NFPA Classification : NFPA Level 1 Aerosol

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Remove all sources of ignition.
Wear personal protective equipment.

Environmental precautions : Outside of normal use, avoid release to the environment.

Methods for cleaning up : Soak up with inert absorbent material.
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).
Sweep up and shovel into suitable containers for disposal.
Use only non-sparking equipment.
Dike large spills.
Clean residue from spill site.

7. HANDLING AND STORAGE

Handling

Advice on safe handling : Do not puncture or incinerate.
Avoid breathing vapors, mist or gas.
Do not spray toward face.

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Do not use in areas without adequate ventilation.
Use only as directed.
KEEP OUT OF REACH OF CHILDREN AND PETS.

Advice on protection against fire and explosion : Keep away from heat and sources of ignition.

Storage

Requirements for storage areas and containers : Do not store at temperatures above 120 Deg. F (50 Deg C), as container may burst.
Keep in a dry, cool and well-ventilated place.

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 TWA
Propane	74-98-6	1,800 mg/m3	1,000 ppm	-	OSHA TWA
Propane	74-98-6	-	1,000 ppm	-	ACGIH TWA
Isobutane	75-28-5	-	1,000 ppm	-	ACGIH TWA

Personal protective equipment

Respiratory protection

Industrial setting : Use only with adequate ventilation.
Substantial amounts of mist/vapors can be controlled with local exhaust ventilation or respiratory protection.

Household setting : Use only with adequate ventilation.

Hand protection : No special requirements.

Eye protection

Industrial setting : No special requirements.

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Household setting : Avoid contact with eyes.

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

Odor : pleasant

pH : 7.5

Boiling point : no data available

Freezing point : no data available

Flash point : < -7 °C
< 19.4 °F
Method: Tag Closed Cup (TCC)
Propellant

Evaporation rate : not applicable

Autoignition temperature : not applicable

Lower explosion limit : no data available

Upper explosion limit : no data available

Vapour pressure : no data available

Density : 0.921 g/cm³

Water solubility : soluble

Partition coefficient: n-octanol/water : no data available

Volatile Organic Compounds : 13.3 % - does not include any applicable regulatory

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(California Air Resource Board – CARB) exemptions
Total VOC (wt. %)

10. STABILITY AND REACTIVITY

- Conditions to avoid : Heat, flames and sparks.
- Materials to avoid : Strong oxidizing agents
- Hazardous decomposition products : Thermal decomposition can lead to release of irritating gases and vapours.
- Hazardous reactions : Stable under recommended storage conditions.

11. TOXICOLOGICAL INFORMATION

- Acute oral toxicity : LD50
estimated
> 5,000 mg/kg
- Acute inhalation toxicity : LC50
estimated
> 261 mg/l
- Acute dermal toxicity : LD50
estimated
> 2,000 mg/kg
- Chronic effects**
- Carcinogenicity : no data available
- Mutagenicity : no data available
- Reproductive effects : no data available
- Teratogenicity : no data available
- Sensitisation : Not known to be a sensitizer.

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12. ECOLOGICAL INFORMATION

Ecotoxicity effects : no data available

13. DISPOSAL CONSIDERATIONS

Observe all applicable Federal, Provincial and State regulations and Local/Municipal ordinances regarding disposal.
Consumer may discard empty container in trash, or recycle where facilities exist.

RCRA waste class : D001 (Ignitable Waste)

SCJ product category : AF: Aerosol Flammable

14. TRANSPORT INFORMATION

Land transport

▪ **U.S. DOT and Canadian TDG Surface Transportation:**

Proper shipping name UN 1950 AEROSOLS, Flammable, 2.1

Class: 2.1

UN number 1950

Packaging group: None.

Note: SC Johnson ships this product as Consumer Commodity ORM-D (non-bulk packages)

Sea transport

▪ **IMDG:**

Proper shipping name UN 1950 AEROSOLS, Flammable, 2.1

Class: 2

UN number: 1950

Packaging group: None.

EmS: F-D, S-U

Note: Limited quantities derogation may be applicable to this product, please check transport documents.

Air transport

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- **ICAO/IATA:**
- Proper shipping name UN 1950 AEROSOLS, Flammable, 2.1
- Class: 2.1
- UN/ID No.: UN 1950
- Packaging group: None.
- Note: SC Johnson typically does not ship products via air, therefore it has not been determined if the product container meets current IATA/ICAO package criteria. Refer to IATA/ICAO Dangerous Goods Regulations for detailed instructions when shipping this item by air.

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.

16. OTHER INFORMATION

HMIS Ratings

Health	1
Flammability	4
Reactivity	0

NFPA Ratings

Health	1
Fire	4
Reactivity	0
Special	

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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