

**SAFETY DATA SHEET**

(according to Regulation (EC) No. 2015/830)



**SC Johnson Professional Brillo® Oven Foam Cleaner**

Version 1.0  
Revision Date 04.12.2019

Print Date 19.12.2019  
Specification Number: 350000037915  
SITE FORM Number:  
30000000000000001234.001

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

- 1.1 Product identifier** : SC Johnson Professional Brillo® Oven Foam Cleaner
  
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
  - Use of the Substance/Mixture** : Washing and cleaning products (including solvent based products)
  
  - Uses advised against** : None identified
  
- 1.3 Details of the supplier of the safety data sheet** : SC Johnson Professional Ltd.  
Denby  
DE5 8JZ  
UK  
  
SC Johnson Professional GmbH  
Girmesgath  
47803 Krefeld  
EU
  
- Telephone** : +44 (0) 1773 855 100
  
- E-mail address** : talktous@scj.com
  
- 1.4 Emergency telephone number** : Care Center:  
UK - 0800 353 353  
Ireland – 1800 409 176  
  
Ireland Poison Centre:  
Ireland - (01)809 2166

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**SECTION 2: HAZARDS IDENTIFICATION**

**2.1 Classification of the substance or mixture**

Classification according to Regulation (EC) No 1272/2008 (CLP)

**SAFETY DATA SHEET**

(according to Regulation (EC) No. 2015/830)



**SC Johnson Professional Brillo® Oven Foam Cleaner**

Version 1.0  
Revision Date 04.12.2019

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SITE FORM Number:  
30000000000000001234.001

Hazard classification	Hazard category	Hazards identification
Skin corrosion	Category 1A	Causes severe skin burns and eye damage.
Serious eye damage	Category 1	Causes serious eye damage.
Corrosive to metals	Category 1	May be corrosive to metals.

**2.2 Label elements**

Labelling according to Regulation (EC) No. 1272/2008 (CLP)

**Hazard symbols**



**Signal word**  
Danger

**Contains**  
caustic soda

**Hazard statements**  
(H290) May be corrosive to metals.  
(H314) Causes severe skin burns and eye damage.

**Precautionary statements**  
(P101) If medical advice is needed, have product container or label at hand.  
(P102) Keep out of reach of children.  
(P310) Immediately call a POISON CENTER/doctor.  
(P303 + P361 + P353) IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
(P305 + P351 + P338) IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
(P301 + P330 + P331) IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
(P304 + P340) IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
(P363) Wash contaminated clothing before reuse.  
(P390) Absorb spillage to prevent material damage.

**SAFETY DATA SHEET**

(according to Regulation (EC) No. 2015/830)

**SC Johnson Professional Brillo® Oven Foam Cleaner**

Version 1.0

Revision Date 04.12.2019

Print Date 19.12.2019

Specification Number: 350000037915

SITE FORM Number:  
30000000000000001234.001

- (P501) Dispose of contents /container in accordance with local regulations.
- (P234) Keep only in original container.
- (P280) Wear protective gloves.
- (P260) Do not breathe spray.
- (P264) Wash hands thoroughly after handling.

**Additional labelling**

- Use only in well ventilated areas.
- For professional users only.
- Avoid contact with skin.

UFI: J60D-R38Y-A00X-0GF0

2.3 Other hazards : None identified

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.2 Mixtures****Hazardous components**

Chemical name	CAS-No./EC No	Reg. No	Classification according to Regulation (EC) No 1272/2008 (CLP)	Weight percent
caustic soda	1310-73-2 215-185-5	01-2119982981-22	Skin corrosion Category 1A H314 Serious eye damage Category 1	>= 10.00 - < 20.00

**SAFETY DATA SHEET**

(according to Regulation (EC) No. 2015/830)



**SC Johnson Professional Brillo® Oven Foam Cleaner**

Version 1.0

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Print Date 19.12.2019

Specification Number: 350000037915

SITE FORM Number:  
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			H318	
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts (EO = 2)	68891-38-3	01-2119488639-16	Long-term (chronic) aquatic hazard  Category 3  H412  Skin corrosion/irritation  Category 2  H315  Serious eye damage/eye irritation  Category 1  H318	>= 1.00 - < 5.00
Ethanol, 2,2'-iminobis-, N-tallow alkyl derivs., N-oxides	61791-46-6 263-179-6	01-2120770133-62	Skin corrosion/irritation Category 2 H315 Serious eye damage/eye irritation  Category 1  H318  Short-term (acute) aquatic hazard  Category 1	>= 0.50 - < 1.00



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Print Date 19.12.2019  
 Specification Number: 350000037915  
 SITE FORM Number:  
 30000000000000001234.001

			H400	
			M-Factor Acute - 1	

**Additional Information**

For the full text of the H-Statements mentioned in this Section, see Section 16.

**SECTION 4: FIRST AID MEASURES**

**4.1 Description of first aid measures**

- Inhalation : Move to fresh air.  
Get medical attention immediately.
- Skin contact : Take off all contaminated clothing immediately.  
Immediately flush skin with large amounts of water.  
Get medical attention if irritation develops and persists.  
Wash contaminated clothing before re-use.
- Eye contact : Remove contact lenses.  
Protect unharmed eye.  
Keep eye wide open while rinsing.  
Flush immediately with plenty of water for at least 15 to 20 minutes.  
Get medical attention immediately.
- Ingestion : Do NOT induce vomiting.  
Rinse mouth with water.  
Get medical attention immediately.  
Never give anything by mouth to an unconscious person.

**4.2 Most important symptoms and effects, both acute and delayed**

- Eyes : Causes serious eye damage.  
No adverse effects expected when used as directed.
- Skin effect : Causes severe skin burns.

**SC Johnson Professional Brillo® Oven Foam Cleaner**

Version 1.0  
Revision Date 04.12.2019

Print Date 19.12.2019  
Specification Number: 350000037915  
SITE FORM Number:  
30000000000000001234.001

- No adverse effects expected when used as directed.
- Inhalation : No adverse effects expected when used as directed.
- Ingestion : Causes digestive tract burns.

**4.3 Indication of any immediate medical attention and special treatment needed**

See Description of first aid measures unless otherwise stated.

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**SECTION 5: FIREFIGHTING MEASURES**

**5.1 Extinguishing media**

- Suitable : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Unsuitable : None identified

**5.2 Special hazards arising from the substance or mixture** : In case of fire and/or explosion do not breathe fumes. Exposure to decomposition products may be a hazard to health.

**5.3 Advice for firefighters** : In the event of fire, wear self-contained breathing apparatus. Wear suitable protective clothing and gloves. Refer to current EN or National standard as appropriate.

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**6.1 Personal precautions, protective equipment and emergency procedures** : Use personal protective equipment.

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

**SAFETY DATA SHEET**

(according to Regulation (EC) No. 2015/830)



**SC Johnson Professional Brillo® Oven Foam Cleaner**

Version 1.0  
Revision Date 04.12.2019

Print Date 19.12.2019  
Specification Number: 350000037915  
SITE FORM Number:  
30000000000000001234.001

Prevent large amounts of product from entering drains.  
Do not flush into surface water or sanitary sewer system.  
Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains inform respective authorities.  
Use appropriate containment to avoid environmental contamination.

- 6.3 Methods and materials for containment and cleaning up** : Clean residue from spill site.
- 6.4 Reference to other sections** : For personal protection see section 8.  
For disposal considerations see section 13.

**SECTION 7: HANDLING AND STORAGE**

- 7.1 Precautions for safe handling** : For personal protection see section 8.  
Avoid contact with skin and eyes.  
Smoking, eating and drinking should be prohibited in the application area.  
Wear personal protective equipment.  
Normal measures for preventive fire protection.
- 7.2 Conditions for safe storage, including any incompatibilities** : Store in original container.  
Do not freeze.  
Keep out of the reach of children.  
Store away from food, beverages and pet food.  
No decomposition if stored and applied as directed.
- 7.3 Specific end use(s)** : Professional uses: Public domain (administration, education, entertainment, services, craftsmen)  
Washing and cleaning products (including solvent based products)

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 Control parameters**

**Occupational Exposure Limit Values**

Components	CAS-No.	mg/m3	ppm	Form of exposure	List
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**SC Johnson Professional Brillo® Oven Foam Cleaner**

Version 1.0  
Revision Date 04.12.2019

Print Date 19.12.2019  
Specification Number: 350000037915  
SITE FORM Number:  
30000000000000001234.001

caustic soda	1310-73-2	2 mg/m3			UK_WELSTEL
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Refer to current EN or National standard as appropriate.

**8.2 Exposure controls**

- Respiratory protection : No personal respiratory protective equipment normally required.
- Hand protection : Wear suitable gloves.  
Nitrile gloves – Thickness 0.12mm; Breakthrough time >2 hours.  
The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it.  
Before removing gloves clean them with soap and water.
- Eye/face protection : Safety glasses
- Skin and body protection : Wash contaminated clothing before re-use.
- Other information : Wash hands before breaks and at the end of workday.
- Environmental Exposure Controls : Refer to section 6.

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**9.1 Information on basic physical and chemical properties**

- Appearance : liquid
- Colour : yellow
- Odour : characteristic
- Odour Threshold : not determined
- pH : 13.8



**SAFETY DATA SHEET**

(according to Regulation (EC) No. 2015/830)

**SC Johnson Professional Brillo® Oven Foam Cleaner**

Version 1.0

Revision Date 04.12.2019

Print Date 19.12.2019

Specification Number: 350000037915

SITE FORM Number:  
30000000000000001234.001

Melting point/freezing point	: Not applicable
Initial boiling point and boiling range	: 102 °C
Flash point	: Not applicable
Evaporation rate	: not determined
Flammability (solid, gas)	: No data available
Upper/lower flammability or explosive limits	: Not applicable
Vapour pressure	: No data available
Vapour density	: not determined
Relative density	: 1.109 g/cm <sup>3</sup> at 20 °C
Solubility(ies)	: No data available
Partition coefficient: n-octanol/water	: No data available
Auto-ignition temperature	: Not applicable
Decomposition temperature	: No data available
Viscosity, dynamic	: not determined
Viscosity, kinematic	: not determined
Explosive properties	: Not applicable
Oxidizing properties	: not determined

**SC Johnson Professional Brillo® Oven Foam Cleaner**

Version 1.0  
Revision Date 04.12.2019

Print Date 19.12.2019  
Specification Number: 350000037915  
SITE FORM Number:  
30000000000000001234.001

**9.2 Other information**

Other information : None identified :

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**SECTION 10: STABILITY AND REACTIVITY**

- 10.1 Reactivity** : No dangerous reaction known under conditions of normal use.
- 10.2 Chemical stability** : Stable under recommended storage conditions.
- 10.3 Possibility of hazardous reactions** : None known.
- 10.4 Conditions to avoid** : Extremes of temperature and direct sunlight.
- 10.5 Incompatible materials** : Do not mix with acids or any other household products. May release dangerous gases (chlorine).
- 10.6 Hazardous decomposition products** : No decomposition if stored and applied as directed.

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**SECTION 11: TOXICOLOGICAL INFORMATION**

**11.1 Information on toxicological effects**

**Acute oral toxicity**

Name	Method	Species	Dose
Product	LD50 Calculated		> 2,000 mg/kg

**Acute inhalation toxicity**

Name	Method	Species	Dose	Exposure time
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**SAFETY DATA SHEET**

(according to Regulation (EC) No. 2015/830)

**SC Johnson Professional Brillo® Oven Foam Cleaner**

Version 1.0

Revision Date 04.12.2019

Print Date 19.12.2019

Specification Number: 350000037915

SITE FORM Number:  
30000000000000001234.001

Product	LC50 (vapour) Calculated		> 20 mg/l	
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**Acute dermal toxicity**

Name	Method	Species	Dose
Product	LD50 Calculated		> 2,000 mg/kg

**Acute oral toxicity**

Name	Method	Species	Dose
caustic soda	LD50 Measured	Rat	325 mg/kg
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts (EO = 2)	LD50	Rat	2,870 mg/kg
Ethanol, 2,2'-iminobis-, N-tallow alkyl derivs., N-oxides	LD50	Rat	> 2,000 mg/kg

**Acute inhalation toxicity**

Name	Method	Species	Dose	Exposure time
caustic soda	No data available			
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts (EO = 2)	No data available			
Ethanol, 2,2'-iminobis-, N-tallow alkyl derivs., N-oxides	No data available			

**Acute dermal toxicity**

Name	Method	Species	Dose
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**SAFETY DATA SHEET**

(according to Regulation (EC) No. 2015/830)

**SC Johnson Professional Brillo® Oven Foam Cleaner**

Version 1.0

Revision Date 04.12.2019

Print Date 19.12.2019

Specification Number: 350000037915

SITE FORM Number:

30000000000000001234.001

caustic soda	LD50	Rabbit	1,350 mg/kg
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts (EO = 2)	LD50	Rat	> 2,000 mg/kg
Ethanol, 2,2'-iminobis-, N-tallow alkyl derivs., N-oxides	No data available		

- Skin corrosion/irritation : Causes severe skin burns.
- Serious eye damage/eye irritation : Causes serious eye damage.
- Skin sensitisation : Based on available data, the classification criteria are not met.
- Germ cell mutagenicity : Based on available data, the classification criteria are not met.
- Carcinogenicity : Based on available data, the classification criteria are not met.
- Toxicity for reproduction : Based on available data, the classification criteria are not met.
- STOT - single exposure : Based on available data, the classification criteria are not met.
- STOT - repeated exposure : Based on available data, the classification criteria are not met.
- Aspiration hazard : Based on available data, the classification criteria are not met.

**SECTION 12: ECOLOGICAL INFORMATION**

**Product** : The product itself has not been tested.

**12.1 Toxicity****Toxicity to fish**

**SAFETY DATA SHEET**

(according to Regulation (EC) No. 2015/830)

**SC Johnson Professional Brillo® Oven Foam Cleaner**

Version 1.0

Revision Date 04.12.2019

Print Date 19.12.2019

Specification Number: 350000037915

SITE FORM Number:  
30000000000000001234.001

Components	End point	Species	Value	Exposure time
caustic soda	LC50	Fish	35 - 189 mg/l	96 h
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts (EO = 2)	LC50	Leuciscus idus (Golden orfe)	> 10 - 100 mg/l	96 h
	NOEC	Leuciscus idus (Golden orfe)	> 1 - 10 mg/l	
Ethanol, 2,2'-iminobis-, N-tallow alkyl derivs., N-oxides	No data available			

**Toxicity to aquatic invertebrates**

Components	End point	Species	Value	Exposure time
caustic soda	EC50	Daphnia magna (Water flea)	40.4 mg/l	48 h
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts (EO = 2)	EC50	Daphnia magna (Water flea)	> 10 - 100 mg/l	48 h
	NOEC	Daphnia magna	0.1 - 1 mg/l	
Ethanol, 2,2'-iminobis-, N-tallow alkyl derivs., N-oxides	EC50	Daphnia magna (Water flea)	0.082 mg/l	48 h

**Toxicity to aquatic plants**

Components	End point	Species	Value	Exposure time
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**SAFETY DATA SHEET**

(according to Regulation (EC) No. 2015/830)

**SC Johnson Professional Brillo® Oven Foam Cleaner**

Version 1.0

Revision Date 04.12.2019

Print Date 19.12.2019

Specification Number: 350000037915

SITE FORM Number:  
30000000000000001234.001

caustic soda	No data available			
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts (EO = 2)	EC50	Desmodesmus subspicatus (green algae)	> 10 - 100 mg/l	72 h
Ethanol, 2,2'-iminobis-, N-tallow alkyl derivs., N-oxides	No data available			

**12.2 Persistence and degradability**

Component	Biodegradation	Exposure time	Summary
caustic soda	No data available		
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts (EO = 2)			Readily biodegradable.
Ethanol, 2,2'-iminobis-, N-tallow alkyl derivs., N-oxides	79 %	28 d	Readily biodegradable.

**12.3 Bioaccumulative potential**

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
caustic soda	0.89 estimated	-1.38
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts (EO = 2)	No data available	No data available
Ethanol, 2,2'-iminobis-, N-tallow alkyl derivs., N-oxides	No data available	5.38

**12.4 Mobility in soil**

Component	End point	Value

**SAFETY DATA SHEET**

(according to Regulation (EC) No. 2015/830)

**SC Johnson Professional Brillo® Oven Foam Cleaner**

Version 1.0

Revision Date 04.12.2019

Print Date 19.12.2019

Specification Number: 350000037915

SITE FORM Number:  
30000000000000001234.001

caustic soda	No data available	
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts (EO = 2)	No data available	
Ethanol, 2,2'-iminobis-, N-tallow alkyl derivs., N-oxides	No data available	

**12.5 Results of PBT and vPvB assessment**

Component	Results
caustic soda	Not fulfilling PBT and vPvB criteria
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts (EO = 2)	Not fulfilling PBT and vPvB criteria
Ethanol, 2,2'-iminobis-, N-tallow alkyl derivs., N-oxides	Not fulfilling PBT and vPvB criteria

**12.6 Other adverse effects**

None known.

**SECTION 13: DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods**

Product	:	Do not dispose of waste into sewer. Do not contaminate ponds, waterways or ditches with chemical or used container. Disposal should be in accordance with local, state or national legislation. Please recycle empty packaging.
Packaging	:	Do not re-use empty containers.

**SECTION 14: TRANSPORT INFORMATION**

**SAFETY DATA SHEET**

(according to Regulation (EC) No. 2015/830)

**SC Johnson Professional Brillo® Oven Foam Cleaner**

Version 1.0

Revision Date 04.12.2019

Print Date 19.12.2019

Specification Number: 350000037915

SITE FORM Number:  
30000000000000001234.001

	Land transport	Sea transport	Air transport
<b>14.1 UN number</b>	1824	1824	1824
<b>14.2 UN proper shipping name</b>	UN 1824 Sodium Hydroxide Solution, 8, PG II	UN 1824 Sodium Hydroxide Solution, 8, PG II	UN 1824 Sodium Hydroxide Solution, 8, PG II
<b>14.3 Transport hazard class(es)</b>	8	8	8
<b>14.4 Packing group</b>	II	II	II
<b>14.5 Environmental hazards</b>			
<b>14.6 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.
<b>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	Product not transported as bulk.	Product not transported as bulk.	Product not transported as bulk.

**SECTION 15: REGULATORY INFORMATION**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture** : This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

**SECTION 16: OTHER INFORMATION**

If applicable, revision(s) are noted by the bold bars || in left-hand margin.

**Key abbreviations or acronyms used**

EC - European Community

EEC – European Economic Community

CLP – Classification Labelling &amp; Packaging

EN – European Standard or European Norm



**SAFETY DATA SHEET**

(according to Regulation (EC) No. 2015/830)



**SC Johnson Professional Brillo® Oven Foam Cleaner**

Version 1.0

Revision Date 04.12.2019

Print Date 19.12.2019

Specification Number: 350000037915

SITE FORM Number:  
30000000000000001234.001

PBT – Persistent, Bioaccumulative & Toxic  
vPvB – very persistent, very bioaccumulative  
UN – United Nations

**Evaluation methods**

Unless otherwise stated in section 11, the procedure used to derive the human health classification is the relevant calculation method according to CLP regulation (EC) No 1272/2008 as amended.

Unless otherwise stated in section 12, the procedure used to derive the environmental classification is the summation of the classified components method according to CLP regulation (EC) No 1272/2008 as amended.

**Full text of H-Statements**

H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H400	Very toxic to aquatic life.
H412	Harmful to aquatic life with long lasting effects.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.