

SAFETY DATA SHEET

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

**SC Johnson Professional Brillo® Concentrated Cleaner & Degreaser**

Version 1.0

Revision Date 04.12.2019

Print Date 19.12.2019

Specification Number: 350000037917

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® Concentrated Cleaner & Degreaser**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
UKSC 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 176Irish Poison Center:
Ireland - (01)809 2166**SECTION 2: HAZARDS IDENTIFICATION**

SAFETY DATA SHEET

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

**SC Johnson Professional Brillo® Concentrated Cleaner & Degreaser**

Version 1.0

Revision Date 04.12.2019

Print Date 19.12.2019

Specification Number: 350000037917

SITE FORM Number:
30000000000000001234.001**2.1 Classification of the substance or mixture**

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

Hazard classification	Hazard category	Hazards identification
Serious eye damage	Category 1	Causes serious eye damage.

2.2 Label elements

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

Hazard symbols**Signal word**

Danger

Contains

Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched (EO=7)

Hazard statements

(H318) Causes serious eye damage.

Precautionary statements

(P101) If medical advice is needed, have product container or label at hand.

(P102) Keep out of reach of children.

(P264) Wash hands thoroughly after handling.

(P310) Immediately call a POISON CENTER/doctor.

(P305 + P351 + P338) IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

(P280) Wear eye protection.

SAFETY DATA SHEET

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

**SC Johnson Professional Brillo® Concentrated Cleaner & Degreaser**

Version 1.0

Revision Date 04.12.2019

Print Date 19.12.2019

Specification Number: 350000037917

SITE FORM Number:
30000000000000001234.001**Additional labelling**

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

UFI: NC0D-R3NR-X00X-A5M4

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
tetrapotassium pyrophosphate	7320-34-5 230-785-7	01-2119489369-18	Serious eye damage/eye irritation Category 2A H319	>= 5.00 - < 10.00
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3 270-115-0	01-2119489428-22	Long-term (chronic) aquatic hazard Category 3 H412 Acute toxicity Category 4 H302 Skin corrosion/irritation	>= 1.00 - < 5.00

SAFETY DATA SHEET

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

**SC Johnson Professional Brillo® Concentrated Cleaner & Degreaser**

Version 1.0

Revision Date 04.12.2019

Print Date 19.12.2019

Specification Number: 350000037917

SITE FORM Number:
30000000000000001234.001

			Category 2 H315 Serious eye damage/eye irritation Category 1 H318	
Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.- hydroxy-, branched (EO=7)	69011-36-5	01-2119976362-32	Acute toxicity Category 4 H302 Serious eye damage/eye irritation Category 1 H318	>= 1.00 - < 5.00
Poly(oxy-1,2-ethanediyl), .alpha.-phenyl-.omega.- hydroxy-, phosphate, potassium salt	72283-31-9	Not required.	Skin corrosion/irritation Category 2 H315 Serious eye damage/eye irritation Category 2 H319	>= 1.00 - < 5.00

SAFETY DATA SHEET

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

**SC Johnson Professional Brillo® Concentrated Cleaner & Degreaser**

Version 1.0

Revision Date 04.12.2019

Print Date 19.12.2019

Specification Number: 350000037917

SITE FORM Number:
3000000000000000001234.001**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.
If breathing is affected, get medical attention. |
| Skin contact | : | Rinse with plenty of water.
Get medical attention if irritation develops and persists. |
| 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 | : | If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
Rinse mouth with water. |

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 | : | No adverse effects expected when used as directed. |
| Inhalation | : | No adverse effects expected when used as directed. |
| Ingestion | : | May cause abdominal discomfort.
No adverse effects expected when used as directed. |

4.3 Indication of any immediate medical attention and special treatment needed

SAFETY DATA SHEET

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

**SC Johnson Professional Brillo® Concentrated Cleaner & Degreaser**

Version 1.0

Revision Date 04.12.2019

Print Date 19.12.2019

Specification Number: 350000037917

SITE FORM Number:
30000000000000000001234.001

See Description of first aid measures unless otherwise stated.

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.

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. 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 : Clean residue from spill site.

SAFETY DATA SHEET

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

**SC Johnson Professional Brillo® Concentrated Cleaner & Degreaser**

Version 1.0

Revision Date 04.12.2019

Print Date 19.12.2019

Specification Number: 350000037917

SITE FORM Number:
300000000000000000001234.001**containment and cleaning up**

- 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** : 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**

Contains no substances with occupational exposure limit values.

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.

SAFETY DATA SHEET

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

**SC Johnson Professional Brillo® Concentrated Cleaner & Degreaser**

Version 1.0

Revision Date 04.12.2019

Print Date 19.12.2019

Specification Number: 350000037917

SITE FORM Number:
30000000000000001234.001

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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties**

- Appearance : liquid
- Colour : yellow
- Odour : characteristic
- Odour Threshold : Test not applicable for this product type
- pH : 10 - 10.5
- Melting point/freezing point : Test not applicable for this product type
- Initial boiling point and boiling range : Test not applicable for this product type
- Flash point : Test not applicable for this product type
- Evaporation rate : Test not applicable for this product type
- Flammability (solid, gas) : Test not applicable for this product type
- Upper/lower flammability or : Test not applicable for this product type

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



Version 1.0

Revision Date 04.12.2019

Print Date 19.12.2019

Specification Number: 350000037917

SITE FORM Number:

30000000000000000001234.001

explosive limits

Vapour pressure : Test not applicable for this product type

Vapour density : Test not applicable for this product type

Relative density : 1.06 - 1.1 g/cm³ at 25 °C

Solubility(ies) : soluble

Partition coefficient: n-octanol/water : Test not applicable for this product type

Auto-ignition temperature : Test not applicable for this product type

Decomposition temperature : Test not applicable for this product type

Viscosity, dynamic : Test not applicable for this product type

Viscosity, kinematic : Test not applicable for this product type

Explosive properties : Test not applicable for this product type

Oxidizing properties : Test not applicable for this product type

9.2 Other information

Other information : None identified

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.

SAFETY DATA SHEET

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

**SC Johnson Professional Brillo® Concentrated Cleaner & Degreaser**

Version 1.0

Revision Date 04.12.2019

Print Date 19.12.2019

Specification Number: 350000037917

SITE FORM Number:
30000000000000001234.001**10.4 Conditions to avoid** : Extremes of temperature and direct sunlight.**10.5 Incompatible materials** : None known.**10.6 Hazardous decomposition products** : No decomposition if stored and applied as directed.**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
Product	LC50 (vapour) Calculated		> 20 mg/l	

Acute dermal toxicity

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

Acute oral toxicity

Name	Method	Species	Dose
tetrapotassium pyrophosphate	LD50	Rat	2,980 mg/kg

SAFETY DATA SHEET

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

**SC Johnson Professional Brillo® Concentrated Cleaner & Degreaser**

Version 1.0

Revision Date 04.12.2019

Print Date 19.12.2019

Specification Number: 350000037917

SITE FORM Number:
3000000000000000001234.001

Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	LD50	Rat	1,080 mg/kg
Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched (EO=7)	LD50	Rat	1,700 mg/kg
Poly(oxy-1,2-ethanediyl), .alpha.-phenyl-.omega.-hydroxy-, phosphate, potassium salt	LD50	Rat	> 2,000 mg/kg

Acute inhalation toxicity

Name	Method	Species	Dose	Exposure time
tetrapotassium pyrophosphate	LC50 (dust and mist)	Rat	> 1.1 mg/l	4 h
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	No data available			
Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched (EO=7)	No data available			
Poly(oxy-1,2-ethanediyl), .alpha.-phenyl-.omega.-hydroxy-, phosphate, potassium salt	No data available			

Acute dermal toxicity

Name	Method	Species	Dose
tetrapotassium pyrophosphate	LD50	Rat	> 2,000 mg/kg
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	LD50	Rat	> 2,000 mg/kg
Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched (EO=7)	LD50	Rat	> 2,000 mg/kg
Poly(oxy-1,2-ethanediyl), .alpha.-	No data available		

SAFETY DATA SHEET

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

**SC Johnson Professional Brillo® Concentrated Cleaner & Degreaser**

Version 1.0

Revision Date 04.12.2019

Print Date 19.12.2019

Specification Number: 350000037917

SITE FORM Number:
30000000000000001234.001

phenyl-.omega.-hydroxy-, phosphate, potassium salt			
---	--	--	--

Skin corrosion/irritation : Based on available data, the classification criteria are not met.

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**

Components	End point	Species	Value	Exposure time
tetrapotassium pyrophosphate	LC50	Oncorhynchus mykiss (rainbow trout)	> 100 mg/l	96 h

SAFETY DATA SHEET

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

**SC Johnson Professional Brillo® Concentrated Cleaner & Degreaser**

Version 1.0

Revision Date 04.12.2019

Print Date 19.12.2019

Specification Number: 350000037917

SITE FORM Number:
300000000000000000001234.001

Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	LC50 static test Measured	Lepomis macrochirus	1.67 mg/l	96 h
	NOEC Measured	Fish	0.25 mg/l	90 d
Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched (EO=7)	No data available			
Poly(oxy-1,2-ethanediyl), .alpha.-phenyl-.omega.-hydroxy-, phosphate, potassium salt	LC50	Fish	> 100 mg/l	96 h

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
tetrapotassium pyrophosphate	EC50	water flea	> 100 mg/l	48 h
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	LC50 Measured	Hyalella azteca	7.6 mg/l	48 h
	NOEC Measured		< 3.4 mg/l	28 d
Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched (EO=7)	No data available			
Poly(oxy-1,2-ethanediyl), .alpha.-phenyl-.omega.-hydroxy-, phosphate, potassium salt	EC50	Daphnid	> 100 mg/l	48 h

Toxicity to aquatic plants

SAFETY DATA SHEET

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

**SC Johnson Professional Brillo® Concentrated Cleaner & Degreaser**

Version 1.0

Revision Date 04.12.2019

Print Date 19.12.2019

Specification Number: 350000037917

SITE FORM Number:
30000000000000001234.001

Components	End point	Species	Value	Exposure time
tetrapotassium pyrophosphate	EC50	Desmodesmus subspicatus (green algae)	> 100 mg/l	72 h
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	EbC50 Measured	Desmodesmus subspicatus (green algae)	47.3 mg/l	72 h
Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched (EO=7)	No data available			
Poly(oxy-1,2-ethanediyl), .alpha.-phenyl-.omega.-hydroxy-, phosphate, potassium salt	No data available			

12.2 Persistence and degradability

Component	Biodegradation	Exposure time	Summary
tetrapotassium pyrophosphate	No data available		
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	85 %	29 d	Readily biodegradable.
Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched (EO=7)			Readily biodegradable.
Poly(oxy-1,2-ethanediyl), .alpha.-phenyl-.omega.-hydroxy-, phosphate, potassium salt	> 70 %		Not readily biodegradable.

12.3 Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
-----------	-------------------------------	---

SAFETY DATA SHEET

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

**SC Johnson Professional Brillo® Concentrated Cleaner & Degreaser**

Version 1.0

Revision Date 04.12.2019

Print Date 19.12.2019

Specification Number: 350000037917

SITE FORM Number:
30000000000000001234.001

tetrapotassium pyrophosphate	No data available	No data available
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	2 - 1,000	3.32
Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched (EO=7)	No data available	No data available
Poly(oxy-1,2-ethanediyl), .alpha.-phenyl-.omega.-hydroxy-, phosphate, potassium salt	No data available	No data available

12.4 Mobility in soil

Component	End point	Value
tetrapotassium pyrophosphate	Koc	149
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	No data available	
Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched (EO=7)	No data available	
Poly(oxy-1,2-ethanediyl), .alpha.-phenyl-.omega.-hydroxy-, phosphate, potassium salt	No data available	

12.5 Results of PBT and vPvB assessment

Component	Results
tetrapotassium pyrophosphate	Not fulfilling PBT and vPvB criteria
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	Not fulfilling PBT and vPvB criteria
Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched (EO=7)	Not fulfilling PBT and vPvB criteria

SAFETY DATA SHEET

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

**SC Johnson Professional Brillo® Concentrated Cleaner & Degreaser**

Version 1.0

Revision Date 04.12.2019

Print Date 19.12.2019

Specification Number: 350000037917

SITE FORM Number:
3000000000000000001234.001

Poly(oxy-1,2-ethanediyl), .alpha.-phenyl-.omega.-hydroxy-, phosphate, potassium salt	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**Land transport**

Not classified as dangerous in the meaning of transport regulations.

Sea transport

Not classified as dangerous in the meaning of transport regulations.

Air transport

Not classified as dangerous in the meaning of transport regulations.

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.
--	---	--

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



Version 1.0

Revision Date 04.12.2019

Print Date 19.12.2019

Specification Number: 350000037917

SITE FORM Number:

30000000000000000001234.001

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 & Packaging

EN – European Standard or European Norm

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

H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H412	Harmful to aquatic life with long lasting effects.

SAFETY DATA SHEET

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

**SC Johnson Professional Brillo® Concentrated Cleaner & Degreaser**

Version 1.0

Revision Date 04.12.2019

Print Date 19.12.2019

Specification Number: 350000037917

SITE FORM Number:
30000000000000001234.001

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.