

SAFETY DATA SHEET

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



SC Johnson Professional Brillo® Steel Wool Soap Pads

Version 4.0
Revision Date 12.05.2020

Print Date 20.04.2021
Specification Number: 350000023077
SITE FORM Number:

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

- 1.1 Product identifier** : SC Johnson Professional Brillo® Steel Wool Soap Pads
UFI: 38W1-P2QM-N00V-U3XQ

- 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 known.

- 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** : Consumer Care Center:
UK - 0800 353 353
Ireland – 1800 409 176

Poison Center:
Ireland, NPIC - 01 809 2166 (Available 8.00 a.m. to 10.00 p.m. 7 days a week)
Ireland, NPIC - 01 809 2566 (Healthcare Professionals only)
UK, NPIS - 0344 8920111 (Healthcare Professionals only)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

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

Hazard classification	Hazard category	Hazards identification
Skin sensitisation	Category 1	May cause an allergic skin reaction.

2.2 Label elements

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

Hazard symbols**Signal word**

Warning

Contains

2-methyl-2H-isothiazol-3-one

Hazard statements

(H317) May cause an allergic skin reaction.

Precautionary statements

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

(P102) Keep out of reach of children.

(P302 + P352) IF ON SKIN: Wash with plenty of soap and water.

(P501) Dispose of contents /container in accordance with local regulations.

(P280) Wear protective gloves.

Additional Labelling

For professional users only.

Contains

1,2-benzisothiazol-3(2H)-one

May produce an allergic reaction.

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Detergents regulations : **Contains**
< = 5% Anionic surfactants, > = 30% soap, , LAURYLAMINE
DIPROPYLENEDIAMINE, BENZISOTHIAZOLINONE, Methylisothiazolinone

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
sodium xylenesulphonate	1300-72-7 215-090-9	-	Serious eye damage/eye irritation Category 2A H319	>= 1.00 - < 5.00
sodium nitrite	7632-00-0 231-555-9	01-2119471836-27	Oxidizing solids Category 3 H272 Acute toxicity Category 3 H301 Short-term (acute) aquatic hazard Category 1 H400 Short-term (acute) aquatic	>= 1.00 - < 5.00

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			hazard Category 1 H400 Serious eye damage/eye irritation Category 2A H319 M-Factor Acute - 1	
N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine	2372-82-9 219-145-8	01-2119980592-29	Short-term (acute) aquatic hazard Category 1 H400 Long-term (chronic) aquatic hazard Category 1 H410 Acute toxicity Category 3 H301 Skin corrosion/irritation Category 1B H314 Specific target organ toxicity - repeated	>= 0.00 - < 0.10

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			exposure Category 2 H373 M-Factor Acute - 10 M-Factor Chronic - 1	
2-methyl-2H-isothiazol-3-one	2682-20-4 220-239-6	01-2120764690-50	Short-term (acute) aquatic hazard Category 1 H400 Long-term (chronic) aquatic hazard Category 1 H410 Acute toxicity Category 3 H301 Acute toxicity Category 3 H311 Skin corrosion/irritation Category 1B H314 Skin sensitisation Category 1A	>= 0.00 - < 0.10



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			H317 Serious eye damage Category 1 H318 Acute toxicity Category 2 H330 Acute toxicity Category 3 H301 Acute toxicity Category 3 H311 Acute toxicity Category 2 H330 Skin corrosion Category 1B H314 Serious eye damage Category 1	
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			H318 Skin sensitisation Category 1A H317 Short-term (acute) aquatic hazard Category 1 H400 Long-term (chronic) aquatic hazard Category 1 H410 M-Factor Acute - 10 M-Factor Chronic - 1	
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WEL substance				
caustic soda	1310-73-2 215-185-5	01-2119982981-22	Skin corrosion Category 1A H314 Serious eye damage Category 1 H318	>= 0.00 - < 0.10

Additional Information

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

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SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

- Inhalation : No special requirements
- Skin contact : Take off all contaminated clothing immediately.
Wash off with soap and plenty of water.
Get medical attention if irritation develops and persists.
Wash contaminated clothing before re-use.
- Eye contact : Rinse with plenty of water.
Get medical attention if irritation develops and persists.
- 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 : No adverse effects expected when used as directed.
- Skin effect : May cause allergic skin reaction.
No adverse effects expected when used as directed.
- Inhalation : No adverse effects expected when used as directed.
- Ingestion : May cause irritation to mouth, throat and stomach.
May cause abdominal discomfort.

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.

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. Use appropriate containment to avoid environmental contamination.

6.3 Methods and materials for containment and cleaning up : Clean residue from spill site. Sweep up and shovel into suitable containers for disposal.

6.4 Reference to other sections : For personal protection see section 8. For disposal considerations see section 13.

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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** : 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)
Consumer uses: Private households (= general public = consumers)
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
caustic soda	1310-73-2	2 mg/m3			UK_WELSTEL

Refer to current EN or National standard as appropriate.

8.2 Exposure controls

- Respiratory protection : In the case of dust or aerosol formation use respirator with an approved filter.
- 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.

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- Eye/face protection : No special requirements.
- Skin and body protection : Wash contaminated clothing before re-use.
- Other information : When using do not eat, drink or smoke.
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 absorbed by inert carrier material
- Colour : pink
metallic
- Odour : Functional
- Odour Threshold : No data available
- pH : 10 - 10.5
- Melting point/freezing point : No data available
- Initial boiling point and boiling range : Not applicable
- Flash point : No data available
- Evaporation rate : Not applicable
- Flammability (solid, gas) : Does not sustain combustion.
- Upper/lower flammability or explosive limits : Not applicable

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Vapour pressure	:	Not applicable
Vapour density	:	Not applicable
Relative density	:	No data available
Solubility(ies)	:	Not applicable
Partition coefficient: n-octanol/water	:	No data available
Auto-ignition temperature	:	Not applicable
Decomposition temperature	:	No data available
Viscosity, dynamic	:	Not applicable
Viscosity, kinematic	:	Not applicable
Explosive properties	:	Not applicable
Oxidizing properties	:	Not applicable

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.
10.4 Conditions to avoid	:	Extremes of temperature and direct sunlight.

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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 Calculation method		> 2,000 mg/kg

Acute inhalation toxicity

Name	Method	Species	Dose	Exposure time
Product	LC50 (dust and mist) Calculated		> 5 mg/l	

Acute dermal toxicity

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

Acute oral toxicity

Name	Method	Species	Dose
sodium xylenesulphonate	LD50	Rat	> 7,000 mg/kg
sodium nitrite	LD50	Rat	180 mg/kg

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	Measured		
N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine	LD50	Rat	261 mg/kg
2-methyl-2H-isothiazol-3-one	LD50	Rat	120 mg/kg

Acute inhalation toxicity

Name	Method	Species	Dose	Exposure time
sodium xylenesulphonate	No data available			
sodium nitrite	LC50 (dust and mist)	Rat	5.5 mg/l	4 h
N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine	No data available			
2-methyl-2H-isothiazol-3-one	LC50 (dust and mist)	Rat	0.11 mg/l	

Acute dermal toxicity

Name	Method	Species	Dose
sodium xylenesulphonate	LD50	Rabbit	> 2,000 mg/kg
sodium nitrite	No data available		
N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine	No data available		
2-methyl-2H-isothiazol-3-one	LD50	Rat	242 mg/kg

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

Serious eye damage/eye : Based on available data, the classification criteria are not met.

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irritation

Skin sensitisation : May cause an allergic skin reaction.

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
sodium xylenesulphonate	LC50 Read-across (Analogy)	Oncorhynchus mykiss (rainbow trout)	> 1,000 mg/l	96 h
sodium nitrite	LC50 flow-through test	Oncorhynchus mykiss (rainbow trout)	0.54 mg/l	96 h
	NOEC	Cyprinus carpio (Carp)	21 mg/l	30 d
N-(3-aminopropyl)-N-	LC50	Lepomis macrochirus	0.45 mg/l	96 h

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dodecylpropane-1,3-diamine		(Bluegill sunfish)		
2-methyl-2H-isothiazol-3-one	LC50	Oncorhynchus mykiss (rainbow trout)	4.77 mg/l	96 h
	NOEC	Oncorhynchus mykiss (rainbow trout)	2.38 mg/l	98 d
caustic soda	LC50	Fish	35 - 189 mg/l	96 h

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
sodium xylenesulphonate	EC50	Daphnia magna (Water flea)	> 1,020 mg/l	48 h
sodium nitrite	EC50 static test	Daphnia magna (Water flea)	15.4 mg/l	48 h
	NOEC	Penaeus monodon	2 mg/l	80 d
N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine	EC50	Daphnia magna (Water flea)	0.073 mg/l	48 h
	NOEC	Daphnia magna (Water flea)	0.024 mg/l	21 d
2-methyl-2H-isothiazol-3-one	EC50	Daphnia magna (Water flea)	0.998 mg/l	48 h
	NOEC	Daphnia magna	0.359 mg/l	21 d
caustic soda	EC50	Daphnia magna (Water flea)	40.4 mg/l	48 h

Toxicity to aquatic plants

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Components	End point	Species	Value	Exposure time
sodium xylenesulphonate	EC50	Selenastrum capricornutum, Skeletonema costatum	> 230 mg/l	96 h
sodium nitrite	EC50 static test	Desmodesmus subspicatus (green algae)	> 100 mg/l	72 h
N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine	ErC50	Selenastrum capricornutum, Skeletonema costatum	0.012 mg/l	72 h
2-methyl-2H-isothiazol-3-one	EC10	Pseudokirchneriella subcapitata (green algae)	0.024 mg/l	24 h
caustic soda	No data available			

12.2 Persistence and degradability

Component	Biodegradation	Exposure time	Summary
sodium xylenesulphonate	100 %	28 d	Readily biodegradable.
sodium nitrite	No data available		
N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine	79 %	28 d	Readily biodegradable.
2-methyl-2H-isothiazol-3-one	48 %	28 d	Not readily biodegradable.
caustic soda	No data available		

12.3 Bioaccumulative potential

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Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
sodium xylenesulphonate	No data available	-3.12 estimated
sodium nitrite	3.16 QSAR	-3.7
N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine	No data available	No data available
2-methyl-2H-isothiazol-3-one	3 estimated	-0.32
caustic soda	0.89 estimated	-1.38

12.4 Mobility in soil

Component	End point	Value
sodium xylenesulphonate	No data available	
sodium nitrite	No data available	
N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine	No data available	
2-methyl-2H-isothiazol-3-one	Koc	0.03 - 246.7
caustic soda	No data available	

12.5 Results of PBT and vPvB assessment

Component	Results
sodium xylenesulphonate	Not fulfilling PBT and vPvB criteria
sodium nitrite	Not fulfilling PBT and vPvB criteria
2-methyl-2H-isothiazol-3-one	Not fulfilling PBT and vPvB criteria
caustic soda	Not fulfilling PBT and vPvB criteria

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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.

15.2 Chemical safety assessment : Not required for consumer products.

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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 & 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

H272	May intensify fire; oxidizer.
H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.

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H330	Fatal if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic 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.