

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



KIWI® SHOE SHAMPOO

Version 1.1

Print Date 05/23/2018

Revision Date 02/25/2015

SDS Number 350000020467

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Product name : KIWI® SHOE SHAMPOO

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

This product does not meet the criteria for classification in any hazard class according to regulation OSHA 29 CFR 1910.1200.

Labelling

Precautionary statements

Other hazards : None identified

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	Weight percent
Poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.-hydroxy-	9043-30-5	5.00 - 10.00
Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts	68081-81-2	1.00 - 5.00
Citric acid	77-92-9	1.00 - 5.00

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Subtilisins (proteolytic enzymes)	9014-01-1	0.0001 - 0.10
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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.

4. FIRST AID MEASURES

Eye contact	: No special requirements
Skin contact	: No special requirements
Inhalation	: No special requirements.
Ingestion	: No special requirements

5. FIREFIGHTING MEASURES

Suitable extinguishing media	: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Specific hazards during firefighting	: Container may melt and leak in heat of fire.
Further information	: Fight fire with normal precautions from a reasonable distance. Standard procedure for chemical fires. Wear full protective clothing and positive pressure self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	: Wash thoroughly after handling.
Environmental precautions	: Outside of normal use, avoid release to the environment.
Methods and materials for containment and cleaning up	: 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.
KEEP OUT OF REACH OF CHILDREN AND PETS.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Storage

Other data : Stable under normal conditions.
Do not freeze.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

ACGIH or OSHA exposure limits have not been established for this product or reportable ingredients unless noted in the table above.

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

Form : gel

Color : translucent white

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Odor	: pleasant
Odour Threshold	: No data available
pH	: 7.0 - 7.9
Melting point/freezing point	: 0 C
Initial boiling point and boiling range	: > 100 °C
Flash point	: does not flash
Evaporation rate	: No data available
Flammability (solid, gas)	: Does not sustain combustion.
Upper/lower flammability or explosive limits	: No data available
Vapour pressure	: No data available
Vapour density	: No data available
Relative density	: 1.0 g/cm3
Solubility(ies)	: completely soluble
Partition coefficient: n-octanol/water	: No data available

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Auto-ignition temperature	: No data available	
Decomposition temperature	: No data available	
Viscosity, dynamic	: 12,500 mPa.s at 22 °C	
Viscosity, kinematic	: Very viscous	
Oxidizing properties	: No data available	
Volatile Organic Compounds Total VOC (wt. %)*	: 0.1 % - additional exemptions may apply *as defined by US Federal and State Consumer Product Regulations	
Other information	: None identified	:

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	: Direct sources of heat.
Incompatible materials	: 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 : This product does not meet the criteria for classification in any hazard class according to regulation OSHA 29 CFR 1910.1200.

Acute oral toxicity : LD50
estimated
> 5,000 mg/kg

Acute inhalation toxicity : No data available

Acute dermal toxicity : No data available

GHS Properties	Classification	Routes of entry
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	No classification proposed	-

Aggravated Medical : None known.

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Condition**12. ECOLOGICAL INFORMATION****Product :** The product itself has not been tested.**Toxicity**

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
Poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.-hydroxy-	LC50 OECD Test Guideline 203	Danio rerio (zebra fish)	1 - 10 mg/l	96 h
Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts	No data available			
Citric acid	static test LC50 OECD Test Guideline 203	Leuciscus idus (Golden orfe)	440 mg/l	48 h
Subtilisins (proteolytic enzymes)	LC50 OECD Test Guideline 203		8.2 mg/l	96 h

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Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
Poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.-hydroxy-	EC50 OECD Test Guideline 202	Daphnia (water flea)	7.07 mg/l	48 h
Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts	No data available			
Citric acid	EC50	Daphnia magna (Water flea)	1,535 mg/l	24 h
Subtilisins (proteolytic enzymes)	EC50 OECD Test Guideline 202	Daphnia magna (Water flea)	0.586 mg/l	48 h

Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.-hydroxy-	EC50	Desmodesmus subspicatus (green algae)	> 10 mg/l	72 h
Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts	No data available			
Citric acid	NOEC	Algae	425 mg/l	8 d
Subtilisins (proteolytic enzymes)	ErC50 OECD Test		0.83 mg/l	72 h

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	Guideline 201No data available			
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Persistence and degradability

Component	Biodegradation	Exposure time	Summary
Poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.-hydroxy-	79 %	28 d	Readily biodegradable
Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts	No data available		
Citric acid	97 %	28 d	Readily biodegradable
Subtilisins (proteolytic enzymes)	No data available		Readily biodegradable

Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.-hydroxy-	No data available	3.59
Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts		4.78
Citric acid	No data available	-1.72
Subtilisins (proteolytic enzymes)	No data available	No data available

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Mobility

Component	End point	Value
Poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.- hydroxy-	No data available	
Benzenesulfonic acid, mono- C10-16-alkyl derivs., sodium salts	No data available	-
Citric acid	No data available	
Subtilisins (proteolytic enzymes)	No data available	

PBT and vPvB assessment

Component	Results
Poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.- hydroxy-	Not fulfilling PBT and vPvB criteria
Citric acid	Not fulfilling PBT and vPvB criteria

Other adverse effects : None known.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

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

Land transport

Not classified as dangerous in the meaning of transport regulations.

Sea transport

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Air transport

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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 does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

16. OTHER INFORMATION

HMIS Ratings

Health	2
Flammability	0
Reactivity	0

NFPA Ratings

Health	2
Fire	0
Reactivity	0
Special	-

This information is being provided in accordance with the Occupational Safety and Health Administration

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(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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