

## Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



# KIWI® SUEDE CLEANER

Version 2.0

Print Date 04/26/2016

Revision Date 04/18/2016

SDS Number 350000017904  
GEN\_SOF Number 56323

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product information

**Product name** : KIWI® SUEDE CLEANER

**Recommended use** : Shoe Polish

**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

Hazard classification	Hazard category	Hazards identification
Aerosol	Category 1	Extremely flammable aerosol.
Specific target organ toxicity - single exposure	Category 3	May cause drowsiness or dizziness.
Gases under pressure	Liquefied gas	Contains gas under pressure; may explode if heated.

### Labelling

#### Hazard symbols

Flame  
Gas cylinder  
Exclamation mark

#### Signal word

Danger

#### Hazard statements

Extremely flammable aerosol.  
Contains gas under pressure; may explode if heated.

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May cause drowsiness or dizziness.

**Precautionary statements**

- If medical advice is needed, have product container or label at hand.
- Keep out of reach of children.
- Read label before use.
- Call a POISON CENTER or doctor/ physician if you feel unwell.
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- Store in a well-ventilated place. Keep container tightly closed.
- Store locked up.
- Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.
- Dispose of contents/ container to an approved incineration plant.
- Keep away from heat/sparks/open flames/hot surfaces. No smoking.
- Do not spray on an open flame or other ignition source.
- Do not pierce or burn, even after use.
- Avoid breathing spray.
- Use only outdoors or in a well-ventilated area.

**Other hazards** : None identified

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS-No.	Weight percent
Naphtha (petroleum), hydrotreated light	64742-49-0	30.00 - 60.00
Benzene, 1-Chloro-4 (Trifluoromethyl)-	98-56-6	10.00 - 30.00
Isobutane	75-28-5	10.00 - 30.00
Propane	74-98-6	5.00 - 10.00

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](http://www.whatsinsidescjohnson.com).

**4. FIRST AID MEASURES**

- Eye contact** : No special requirements
- Skin contact** : No special requirements

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- Inhalation** : IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
- Ingestion** : No special requirements

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**5. FIREFIGHTING MEASURES**

- Suitable extinguishing media** : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Specific hazards during firefighting** : Do not use a solid water stream as it may scatter and spread fire. Aerosol Product - Containers may rocket or explode 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.

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**6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions** : Remove all sources of ignition. Wash thoroughly after handling.
- Environmental precautions** : Outside of normal use, avoid release to the environment.
- Methods and materials for containment and cleaning up** : 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). Use only non-sparking equipment. 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.  
Use only as directed.  
**KEEP OUT OF REACH OF CHILDREN AND PETS.**  
Pressurized container.  
Do not pierce or burn, even after use.  
Use only outdoors or in a well-ventilated area.

**Advice on protection against fire and explosion** : Keep away from sources of ignition - No smoking.  
Do not spray on an open flame or other ignition source.

**Storage**

**Requirements for storage areas and containers** : Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.  
Keep in a dry, cool and well-ventilated place.  
Store locked up.  
Store in a well-ventilated place.  
Keep container tightly closed.

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### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Occupational Exposure Limits

Components	CAS-No.	mg/m3	ppm	Non-standard units	Basis
Isobutane	75-28-5	-	1,000 ppm	-	ACGIH STEL
Propane	74-98-6	1,800 mg/m3	1,000 ppm	-	OSHA TWA
Propane	74-98-6	-	-	-	ACGIH TWA

#### 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** : aerosol

**Color** : colourless

**Odor** : solvent-like

**Odour Threshold** : Test not applicable for this product type

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**pH** : Test not applicable for this product type

**Melting point/freezing point** : Test not applicable for this product type

**Initial boiling point and boiling range** : 93 °C

**Flash point** : 20.1 °C  
68.18 °F  
liquid  
-104.44 °C  
-155.992 °F  
Propellant

**Evaporation rate** : No data available

**Flammability (solid, gas)** : Sustains combustion

**Upper/lower flammability or explosive limits** : Test not applicable for this product type

**Vapour pressure** : 67 hPa

**Vapour density** : 3.5

**Relative density** : 0.7 g/cm<sup>3</sup> at 25 °C

**Solubility(ies)** : negligible

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

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- Auto-ignition temperature** : not auto-flammable
  
- 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
  
- Oxidizing properties** : Test not applicable for this product type
  
- Volatile Organic Compounds Total VOC (wt. %)\*** : 75.1 % - additional exemptions may apply  
\*as defined by US Federal and State Consumer Product Regulations
  
- Other information** : None identified :

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**10. STABILITY AND REACTIVITY**

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

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#### 11. TOXICOLOGICAL INFORMATION

**Emergency Overview** : Danger  
**Acute oral toxicity** : LD50 > 5000 mg/kg  
**Acute inhalation toxicity** : LC50 > 10 mg/L  
**Acute dermal toxicity** : LD50 2052 mg/kg

GHS Properties	Classification	Routes of entry
Acute toxicity	No classification proposed	Oral
Acute toxicity	No classification proposed	Dermal
Acute toxicity	No classification proposed	Inhalation - Dust and Mist
Acute toxicity	No classification proposed	Inhalation - Vapour
Acute toxicity	No classification proposed	Inhalation - Gas
Skin 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	Category 3	-
Specific target organ	No classification proposed	-



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toxicity - repeated exposure		
Aspiration hazard	No classification proposed	-
Aspiration hazard	No classification proposed	-

**Target Organs** : Narcotic effects  
Nervous system

**Aggravated Medical Condition** : None known.

## 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
Naphtha (petroleum), hydrotreated light	LC50	Oncorhynchus mykiss (rainbow trout)	> 13.4 mg/l	96 h
	NOELR	Pimephales promelas (fathead minnow)	2.6 mg/l	14 d
Benzene, 1-Chloro-4 (Trifluoromethyl)-	semi-static test NOEC Measured OECD Test Guideline 203	Danio rerio (zebra fish)	2.2 mg/l	96 h
Isobutane	LC50	Fish	27.98 mg/l	96 h

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	QSAR			
Propane	LC50	Fish	27.98 mg/l	96 h
Naphtha (petroleum), hydrotreated light	LC50	Oncorhynchus mykiss (rainbow trout)	> 13.4 mg/l	96 h
	NOELR	Pimephales promelas (fathead minnow)	2.6 mg/l	14 d
Benzene, 1-Chloro-4 (Trifluoromethyl)-	semi- static test NOEC Measured OECD Test Guideline 203	Danio rerio (zebra fish)	2.2 mg/l	96 h
Isobutane	LC50 QSAR	Fish	27.98 mg/l	96 h
Propane	LC50	Fish	27.98 mg/l	96 h

**Toxicity to aquatic invertebrates**

Components	End point	Species	Value	Exposure time
Naphtha (petroleum), hydrotreated light	EC50	Daphnia magna (Water flea)	3 mg/l	48 h
	NOELR	Daphnia magna	2.6 mg/l	21 d

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Benzene, 1-Chloro-4 (Trifluoromethyl)-	EC50	Daphnia magna (Water flea)	3.68 mg/l	48 h
Isobutane	LC50 QSAR	Daphnid	16.33 mg/l	48 h
Propane	LC50	Daphnid	14.22 mg/l	48 h
Naphtha (petroleum), hydrotreated light	EC50	Daphnia magna (Water flea)	3 mg/l	48 h
	NOELR	Daphnia magna	2.6 mg/l	21 d
Benzene, 1-Chloro-4 (Trifluoromethyl)-	EC50	Daphnia magna (Water flea)	3.68 mg/l	48 h
Isobutane	LC50 QSAR	Daphnid	16.33 mg/l	48 h
Propane	LC50	Daphnid	14.22 mg/l	48 h

**Toxicity to aquatic plants**

Components	End point	Species	Value	Exposure time
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Naphtha (petroleum), hydrotreated light	EC50	Pseudokirchneriella subcapitata (green algae)	10 - 30 mg/l	72 h
Benzene, 1-Chloro-4 (Trifluoromethyl)-	static test NOEC Measured OECD Test Guideline 201	Pseudokirchneriella subcapitata (green algae)	0.41 mg/l	72 h
Isobutane	EC50 QSAR	Green algae	8.57 mg/l	96 h
Propane	No data available			
Naphtha (petroleum), hydrotreated light	EC50	Pseudokirchneriella subcapitata (green algae)	10 - 30 mg/l	72 h
Benzene, 1-Chloro-4 (Trifluoromethyl)-	static test NOEC Measured OECD Test Guideline 201	Pseudokirchneriella subcapitata (green algae)	0.41 mg/l	72 h
Isobutane	EC50 QSAR	Green algae	8.57 mg/l	96 h
Propane	No data available			

**Persistence and degradability**

Component	Biodegradation	Exposure time	Summary
Naphtha (petroleum), hydrotreated light	No data available		Not readily biodegradable.
Benzene, 1-Chloro-4 (Trifluoromethyl)-			
Isobutane	70 %	< 10 d	Readily biodegradable

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Propane	70 %	< 10 d	Readily biodegradable
Naphtha (petroleum), hydrotreated light	No data available		Not readily biodegradable.
Benzene, 1-Chloro-4 (Trifluoromethyl)-			
Isobutane	70 %	< 10 d	Readily biodegradable
Propane	70 %	< 10 d	Readily biodegradable

### Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Naphtha (petroleum), hydrotreated light	No data available	No data available
Benzene, 1-Chloro-4 (Trifluoromethyl)-	121.8 - 202 Measured	3.7
Isobutane	1.57 - 1.97	2.8
Propane	No data available	2.36
Naphtha (petroleum), hydrotreated light	No data available	No data available
Benzene, 1-Chloro-4 (Trifluoromethyl)-	121.8 - 202 Measured	3.7
Isobutane	1.57 - 1.97	2.8
Propane	No data available	2.36

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**Mobility**

Component	End point	Value
Naphtha (petroleum), hydrotreated light	log Koc	> 1.783 - < 2.36
Benzene, 1-Chloro-4 (Trifluoromethyl)-	No data available	
Isobutane	No data available	
Propane	No data available	
Naphtha (petroleum), hydrotreated light	log Koc	> 1.783 - < 2.36
Benzene, 1-Chloro-4 (Trifluoromethyl)-	No data available	
Isobutane	No data available	
Propane	No data available	

**PBT and vPvB assessment**

Component	Results
Isobutane	Not fulfilling PBT and vPvB criteria
Propane	Not fulfilling PBT and vPvB criteria
Isobutane	Not fulfilling PBT and vPvB criteria
Propane	Not fulfilling PBT and vPvB criteria

**Other adverse effects** : None known.

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**13. DISPOSAL CONSIDERATIONS**

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

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**14. TRANSPORT INFORMATION**

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

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	Land transport	Sea transport	Air transport
<b>UN number</b>	1950	1950	1950
<b>UN proper shipping name</b>	UN 1950 AEROSOLS, Flammable, 2.1, Marine Pollutant	UN 1950 AEROSOLS, Flammable, 2.1, Marine Pollutant	UN 1950 AEROSOLS, Flammable, 2.1, Marine Pollutant
<b>Transport hazard class(es)</b>	2.1	2	2.1
<b>Packing group</b>	-	-	-
<b>Environmental hazards</b>	-	Marine pollutant	-
<b>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.

**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 is not subject to the reporting requirements under California's Proposition 65.

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**16. OTHER INFORMATION**

**HMIS Ratings**

<b>Health</b>	1
<b>Flammability</b>	4
<b>Reactivity</b>	0

**NFPA Ratings**

<b>Health</b>	1
<b>Fire</b>	4
<b>Reactivity</b>	0
<b>Special</b>	-

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