

## Material Safety Data Sheet

according to ANSI Z400.1- 2004 and 29 CFR 1910.1200

National Shoe Product Code: 3KCD

038-001



## KIWI® CAMP DRY® - HEAVY DUTY WATER REPELLENT

Version 1.0

Print Date 05/16/2017

Revision Date 08/25/2015

MSDS Number 350000029048  
GEN\_SOF Number 55000

### 1. PRODUCT AND COMPANY IDENTIFICATION

P/N 3KCD

#### Product information

- Trade name : KIWI® CAMP DRY® - HEAVY DUTY WATER REPELLENT
- Use of the Substance/Mixture : Shoe Care
- Company : S.C. Johnson and Son, Limited  
1 Webster Street  
Brantford ON N3T 5R1
- Emergency telephone number : 24 Hour Transport & Medical Emergency Phone (866) 231-5406  
24 Hour International Emergency Phone (952) 852-4647  
24 Hour Canadian Transport Emergency Phone (CANUTEC) (613) 996-6666

### 2. HAZARDS IDENTIFICATION

#### Emergency Overview

Appearance / Odor : colourless / aerosol / solvent-like

#### Immediate Concerns

- : Warning  
FLAMMABLE:  
Keep away from heat, sparks and flame.  
Contents under pressure.  
Do not puncture or incinerate.  
Do not store at temperatures above 120 Deg. F (50 Deg C), as container may burst.

#### Potential Health Effects

- Exposure routes : Eye, Skin, Inhalation, Ingestion.
- Eyes : None known.
- Skin : None known.
- Inhalation : No adverse effects expected when used as directed.
- Ingestion : May cause abdominal discomfort.
- Aggravated Medical Condition : None known.

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous chemicals present at or above reportable levels as defined by OSHA 29 CFR 1910.1200 or the Canadian Controlled Products Regulations are listed in this table:

Chemical Name	CAS-No.	Weight percent
Naphtha, petroleum, heavy alkylate	64741-65-7	60.00 - 100.00
Isobutane	75-28-5	10.00 - 30.00
Propane	74-98-6	10.00 - 30.00
N-Butyl acetate	123-86-4	1.00 - 5.00
1-Hexanol, 2-ethyl-, titanium(4+) salt	1070-10-6	1.00 - 5.00

For additional information on product ingredients, see [www.whatsinsidescjohnson.com](http://www.whatsinsidescjohnson.com).

### 4. FIRST AID MEASURES

- Eye contact : Rinse with plenty of water. Get medical attention if irritation develops and persists.
- Skin contact : Rinse with plenty of water.
- Inhalation : Remove to fresh air. If breathing is affected, get medical attention.
- Ingestion : If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

### 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. For large quantities of flammable liquids, consider containment to prevent the spread of fire. Wear full protective clothing and positive pressure self-contained breathing

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- apparatus. In case of fire and/or explosion do not breathe fumes.
- Flash point : -15.4 °C  
4.28 °F  
Method: Tag Closed Cup (TCC)  
Note: liquid
- Flash point : -80 °C  
-112 °F  
Method: Tag Closed Cup (TCC)  
Note: Propellant
- Lower explosion limit : Note: Test not applicable for this product type
- Upper explosion limit : Note: Test not applicable for this product type

#### 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Remove all sources of ignition.  
Wear personal protective equipment.
- Environmental precautions : Outside of normal use, avoid release to the environment.
- Methods for 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.

#### 7. HANDLING AND STORAGE

##### Handling

- Advice on safe handling : Do not puncture or incinerate.  
Avoid breathing vapours, mist or gas.  
Do not spray toward face.  
Do not use in areas without adequate ventilation.  
Use only as directed.  
**KEEP OUT OF REACH OF CHILDREN AND PETS.**
- Advice on protection against fire and explosion : Keep away from heat and sources of ignition.  
Take measures to prevent the build up of electrostatic charge.

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### Storage

Requirements for storage areas and containers : Do not store at temperatures above 120 Deg. F (50 Deg C), as container may burst.  
Keep in a dry, cool and well-ventilated place.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational Exposure Limits

Components	CAS-No.	mg/m <sup>3</sup>	ppm	Non-standard units	Basis
Isobutane	75-28-5	-	1,000 ppm	-	ACGIH STEL
Propane	74-98-6	-	1,000 ppm	-	ACGIH TWA
N-Butyl acetate	123-86-4	-	200 ppm	-	ACGIH STEL
N-Butyl acetate	123-86-4	-	150 ppm	-	ACGIH TWA

### Personal protective equipment

**Respiratory protection** : No personal respiratory protective equipment normally required.

**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

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Odor	:	solvent-like
pH	:	Test not applicable for this product type
Melting point	:	Test not applicable for this product type
Boiling point	:	Test not applicable for this product type
Freezing point	:	Test not applicable for this product type
Flash point	:	-15.4 °C 4.28 °F Method: Tag Closed Cup (TCC) liquid
Flash point	:	-80 °C -112 °F Method: Tag Closed Cup (TCC) Propellant
Evaporation rate	:	Test not applicable for this product type
Flammability (solid, gas)	:	Sustains combustion
Auto-ignition temperature	:	not auto-flammable
Lower explosion limit	:	Test not applicable for this product type
Upper explosion limit	:	Test not applicable for this product type
Vapour pressure	:	Test not applicable for this product type
Density	:	0.69 - 0.71 g/cm3 at 20 °C
Water solubility	:	insoluble
Partition coefficient: n-octanol/water	:	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
Relative vapour density	:	Test not applicable for this product type
Volatile Organic Compounds Total VOC (wt. %)*	:	96.3 % - additional exemptions may apply *as defined by US Federal and State Consumer Product Regulations

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#### 10. STABILITY AND REACTIVITY

- Conditions to avoid : Heat, flames and sparks.
- Materials to avoid : Strong oxidizing agents
- Hazardous decomposition products : Thermal decomposition can lead to release of irritating gases and vapours.
- Thermal decomposition : Note: Test not applicable for this product type
- Hazardous reactions : No decomposition if stored and applied as directed.
- Hazardous reactions : Stable under recommended storage conditions.

#### 11. TOXICOLOGICAL INFORMATION

- Acute oral toxicity : GHS LD50  
Calculated  
> 5,000 mg/kg
- Acute inhalation toxicity : GHS LC50 (dust and mist)  
Calculated  
> 5.0 mg/l
- Acute dermal toxicity : GHS LD50  
Calculated  
> 5,000 mg/kg
- Chronic effects**
- Carcinogenicity : None Anticipated
- Mutagenicity : None Anticipated
- Reproductive effects : None Anticipated
- Teratogenicity : None Anticipated

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Sensitisation : Not known to be a sensitizer.

**12. ECOLOGICAL INFORMATION**

Ecotoxicity effects : No data available

**13. DISPOSAL CONSIDERATIONS**

Observe all applicable Federal, Provincial and State regulations and Local/Municipal ordinances regarding disposal.  
Consumer may discard empty container in trash, or recycle where facilities exist.

RCRA waste class : D001 (Ignitable Waste)

**14. TRANSPORT INFORMATION****Land transport****U.S. DOT and Canadian TDG Surface Transportation:**

Proper shipping name AEROSOLS, Flammable, 2.1  
Class: 2.1  
UN number 1950  
Packaging group: None.

**Sea transport****IMDG:**

Proper shipping name AEROSOLS, Flammable, 2.1  
Class: 2  
UN number: 1950  
Packaging group: None.  
EmS: F-D, S-U

**Air transport****ICAO/IATA:**

Proper shipping name AEROSOLS, Flammable, 2.1  
Class: 2.1  
UN/ID No.: UN 1950  
Packaging group: None.

**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)

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**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.
- Canada Regulations : This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

**16. OTHER INFORMATION**

**HMIS Ratings**

Health	0
Flammability	4
Reactivity	0

**NFPA Ratings**

Health	0
Fire	4
Reactivity	0
Special	-

This information is being provided in accordance with Occupational Safety and Health Administration (OSHA) and Canada's Workplace Hazard Material Information System (WHMIS) regulations. 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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