

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



KIWI® SHOE POLISH - MAHOGANY

Version 1.0

Print Date 08/07/2015

Revision Date 04/14/2015

SDS Number 350000027934

GEN_SOF Number 54246

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Product name : **KIWI® SHOE POLISH - MAHOGANY**

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
Flammable solids	Category 1	Flammable solid.

Labelling

Hazard symbols

Flame

Signal word

Danger

Hazard statements

Flammable solid.

Precautionary statements

In case of fire: Use foam for extinction.
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Ground/bond container and receiving equipment.
Wear protective gloves.
Use explosion-proof electrical/ ventilating/ lighting/ equipment.

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Other hazards : None identified

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	Weight percent
Distillates (petroleum), hydrotreated light	64742-47-8	30.00 - 60.00
Paraffin waxes and Hydrocarbon waxes	8002-74-2	10.00 - 30.00
Benzene, 1-Chloro-4 (Trifluoromethyl)-	98-56-6	5.00 - 10.00
N-NONANE	111-84-2	1.00 - 5.00
Oleic acid	112-80-1	1.00 - 5.00
4-(phenylazo)benzene-1,3-diamine	495-54-5	0.10 - 1.00

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.

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 : Do not use a solid water stream as it may scatter and spread fire.

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Further information : 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.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Remove all sources of ignition.
Wear personal protective equipment.
Wash thoroughly after handling.

Environmental precautions : Outside of normal use, avoid release to the environment.

Methods and materials for containment and cleaning up : Use only non-sparking equipment.
Dike large spills.
Clean residue from spill site.

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.

Advice on protection against fire and explosion : Keep away from sources of ignition - No smoking.
Ground/bond container and receiving equipment.
Use explosion-proof equipment.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

Components	CAS-No.	mg/m3	ppm	Non-standard units	Basis
Distillates (petroleum), hydrotreated light	64742-47-8	1,200 mg/m3	152 ppm	-	SUPPLIER
Paraffin waxes and Hydrocarbon waxes	8002-74-2	2 mg/m3	-	-	ACGIH TWA
N-NONANE	111-84-2	-	200 ppm	-	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 : paste

Color : Burgundy

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** : Test not applicable for this product type
- Flash point** : 35.6 °C
96.08 °F
Method: ASTM D 56
- Evaporation rate** : Test not applicable for this product type
- Flammability (solid, gas)** : The substance or mixture is a flammable solid with the category 1.
- Upper/lower flammability or explosive limits** : Test not applicable for this product type
- Vapour pressure** : Test not applicable for this product type
- Vapour density** : Test not applicable for this product type
- Relative density** : 0.8 g/cm³ at 25 °C
- Solubility(ies)** : negligible
- Partition coefficient: n-octanol/water** : Test not applicable for this product type
- Auto-ignition temperature** : not auto-flammable

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- 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** : 2.8 % - additional exemptions may apply
Total VOC (wt. %)* *as defined by US Federal and State Consumer Product Regulations
- Other information** : None identified :

10. STABILITY AND REACTIVITY

- Possibility of hazardous reactions** : None known.
If accidental mixing occurs and toxic gas is formed, exit area immediately. Do not return until well ventilated.
- 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 > 5,000 mg/kg
Acute inhalation toxicity	:	LC50 > 5 mg/l
Acute dermal toxicity	:	LD50 > 5,000 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 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	-

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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 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
Distillates (petroleum), hydrotreated light	static test LC50	Lepomis macrochirus	2.2 mg/l	96 h
Paraffin waxes and Hydrocarbon waxes	LC50	Fish	> 100 mg/l	
Benzene, 1-Chloro-4 (Trifluoromethyl)-	No data available			
N-NONANE	No data available			
Oleic acid	static test LC50	Pimephales promelas (fathead minnow)	205 mg/l	96 h

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4-(phenylazo)benzene-1,3-diamine	No data available			

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
Distillates (petroleum), hydrotreated light	No data available			
Paraffin waxes and Hydrocarbon waxes	EC50 No data available	Daphnid	> 10,000 mg/l	
	NOEC	Daphnia	10 mg/l	
Benzene, 1-Chloro-4 (Trifluoromethyl)-	EC50	Daphnia magna (Water flea)	3.68 mg/l	48 h
N-NONANE	No data available			
Oleic acid	LC50	Daphnia magna (Water flea)	4.2 mg/l	24 h
4-(phenylazo)benzene-1,3-diamine	No data available			

Toxicity to aquatic plants

Components	End point	Species	Value	Exposure
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				time
Distillates (petroleum), hydrotreated light	No data available			
Paraffin waxes and Hydrocarbon waxes	NOEC No data available	Algae	> 100 mg/l	
Benzene, 1-Chloro-4 (Trifluoromethyl)-	No data available			
N-NONANE	No data available			
Oleic acid	ErC50	Desmodesmus subspicatus (green algae)	58 mg/l	72 h
4-(phenylazo)benzene-1,3-diamine	No data available			

Persistence and degradability

Component	Biodegradation	Exposure time	Summary
Distillates (petroleum), hydrotreated light	No data available		
Paraffin waxes and Hydrocarbon waxes	No data available		Not readily biodegradable.
Benzene, 1-Chloro-4 (Trifluoromethyl)-	No data available		
N-NONANE	No data available		
Oleic acid	No data available		Readily biodegradable
4-(phenylazo)benzene-1,3-diamine	No data available		

Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Distillates (petroleum), hydrotreated light	61 - 159	No data available
Paraffin waxes and Hydrocarbon waxes	No data available	No data available
Benzene, 1-Chloro-4	121.8 - 202 Measured	3.7

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(Trifluoromethyl)- N-NONANE	No data available	No data available
Oleic acid	5,413	No data available
4-(phenylazo)benzene-1,3- diamine	No data available	No data available

Mobility

Component	End point	Value
Distillates (petroleum), hydrotreated light	No data available	
Paraffin waxes and Hydrocarbon waxes	No data available	
Benzene, 1-Chloro-4 (Trifluoromethyl)- N-NONANE	No data available	
Oleic acid	No data available	
4-(phenylazo)benzene-1,3- diamine	No data available	

PBT and vPvB assessment

Component	Results
Distillates (petroleum), hydrotreated light	Not fulfilling PBT and vPvB criteria
Paraffin waxes and Hydrocarbon waxes	Not fulfilling PBT and vPvB criteria
Oleic acid	Not fulfilling PBT and vPvB criteria
4-(phenylazo)benzene-1,3- diamine	Not fulfilling PBT and vPvB criteria

Other adverse effects : None known.

13. DISPOSAL CONSIDERATIONS

Consumer may discard empty container in trash, or recycle

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where facilities exist.

14. TRANSPORT INFORMATION

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

	Land transport	Sea transport	Air transport
UN number	1325	1325	1325
UN proper shipping name	UN 1325 FLAMMABLE SOLID, ORGANIC, N.O.S. (Petroleum Distillates), 4.1, II	UN 1325 FLAMMABLE SOLID, ORGANIC, N.O.S. (Petroleum Distillates), 4.1, II	UN 1325 FLAMMABLE SOLID, ORGANIC, N.O.S. (Petroleum Distillates), 4.1, II
Transport hazard class(es)	4.1	4.1	4.1
Packing group	II	II	II
Environmental hazards	-	-	-
Special precautions for user	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).

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California Prop. 65 : This product is not subject to the reporting requirements under California's Proposition 65.

16. OTHER INFORMATION

HMIS Ratings

Health	1
Flammability	3
Reactivity	0

NFPA Ratings

Health	1
Fire	3
Reactivity	0
Special	-

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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