

Safety Data Sheet

classification according to Canadian Hazardous Products Regulation



PLEDGE® TILE & VINYL FLOOR FINISH

Version 1.1

Print Date 06/20/2017

Revision Date 05/23/2017

SDS Number 350000003597GEN_SOF
Number 56097

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Product name : PLEDGE® TILE & VINYL FLOOR FINISH

Recommended use : Floor Polish/Cleaner

Restrictions on use : Use only as directed on label

Manufacturer, importer, supplier : S.C. Johnson and Son, Limited
1 Webster Street
Brantford ON N3T 5R1

Telephone : +1-800-558-5566

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

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 the Canadian Hazardous Products Regulation

Labelling

Precautionary statements

Other hazards : None identified

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3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous chemicals present at or above reportable levels as defined by Canadian Hazardous Products Regulation are listed in this table.

Chemical name	CAS-No.	Weight percent
Diethylene glycol monoethyl ether	111-90-0	3.00 - 5.00
Tributyoxethyl phosphate	78-51-3	1.00 - 1.50
Hydrogen Peroxide	7722-84-1	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

Description of first aid measures

Eye contact : No special requirements

Skin contact : No special requirements

Inhalation : No special requirements.

Ingestion : No special requirements

Most important symptoms and effects, both acute and delayed

Eyes : No adverse effects expected when used as directed.

Skin effect : No adverse effects expected when used as directed.

Inhalation : No adverse effects expected when used as directed.

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Ingestion : No adverse effects expected when used as directed.

Indication of any immediate medical attention and special treatment needed

See Description of first aid measures unless otherwise stated.

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

Requirements for storage areas and containers : Keep container closed when not in use.

Other data : Stable under normal conditions.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

Components	CAS-No.	mg/m3	ppm	Non-standard units	Basis
Hydrogen Peroxide	7722-84-1	-	1 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.

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Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : liquid

Color : clear

Odour : Fruity

Odour Threshold : Test not applicable for this product type

pH : 8.7

Melting point/freezing point : 0 C
see user defined free text

Initial boiling point and boiling range : Test not applicable for this product type

Flash point : does not flash

Evaporation rate :

Flammability (solid, gas) : The product is not flammable.

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

Vapour pressure : Test not applicable for this product type

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Vapour density	:	Test not applicable for this product type
Relative density	:	1.026 g/cm ³
Solubility(ies)	:	soluble
Partition coefficient: n-octanol/water	:	Test not applicable for this product type
Auto-ignition temperature	:	Test not applicable for this product type
Decomposition temperature	:	Test not applicable for this product type
Viscosity, dynamic	:	1 mPa.s similar to water
Viscosity, kinematic	:	1 mm ² /s similar to water
Oxidizing properties	:	Test not applicable for this product type
Volatile Organic Compounds Total VOC (wt. %)*	:	0.3 % - 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

- Reactivity** : No dangerous reaction known under conditions of normal use.
- Chemical stability** : Stable under recommended storage conditions.
- Possibility of hazardous reactions** : Stable under normal conditions.
- 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.

11. TOXICOLOGICAL INFORMATION

- Acute oral toxicity** : LD50 > 20,000 mg/kg
- Acute inhalation toxicity** : LC50 > 10 mg/L
- Acute dermal toxicity** : LD50 > 5000 mg/kg

GHS Properties	Classification	Routes of entry
Acute toxicity	No classification proposed	Oral

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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	-
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.

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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
Diethylene glycol monoethyl ether	flow-through test LC50	Ictalurus punctatus	6,010 mg/l	96 h
2-Propenoic acid, polymer with ethenylbenzene and (1-methylethenyl)benzene	No data available			
Tributyloxyethyl phosphate	semi-static test LC50 Measured	Oncorhynchus mykiss (rainbow trout)	24 mg/l	96 h
Hydrogen Peroxide	LC50	Pimephales promelas (fathead minnow)	16.4 mg/l	96 h
Diethylene glycol monoethyl ether	flow-through test LC50	Ictalurus punctatus	6,010 mg/l	96 h

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Tributyoxyethyl phosphate	semi-static test LC50 Measured	Oncorhynchus mykiss (rainbow trout)	24 mg/l	96 h
Hydrogen Peroxide	LC50	Pimephales promelas (fathead minnow)	16.4 mg/l	96 h

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
Diethylene glycol monoethyl ether	static test EC50	Daphnia magna (Water flea)	1,982 mg/l	48 h
2-Propenoic acid, polymer with ethenylbenzene and (1-methylethenyl)benzene	No data available			
Tributyoxyethyl phosphate	static test EC50 Measured	Daphnia magna (Water flea)	53 mg/l	48 h
Hydrogen Peroxide	semi-static test LC50	Daphnia pulex (Water flea)	2.4 mg/l	48 h
Diethylene glycol monoethyl ether	static test EC50	Daphnia magna (Water flea)	1,982 mg/l	48 h

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Tributyloxyethyl phosphate	static test EC50 Measured	Daphnia magna (Water flea)	53 mg/l	48 h
Hydrogen Peroxide	semi-static test LC50	Daphnia pulex (Water flea)	2.4 mg/l	48 h

Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Diethylene glycol monoethyl ether	static test EC50 Read-across (Analogy)	Desmodesmus subspicatus (green algae)	> 100 mg/l	96 h
2-Propenoic acid, polymer with ethenylbenzene and (1-methylethenyl)benzene	No data available			
Tributyloxyethyl phosphate	static test EC50	Pseudokirchneriella subcapitata (green algae)	61 mg/l	72 h
Hydrogen Peroxide	static test EC50	Skeletonema costatum (marine diatom)	1.38 mg/l	72 h
Diethylene glycol monoethyl ether	static test EC50 Read-across (Analogy)	Desmodesmus subspicatus (green algae)	> 100 mg/l	96 h
Tributyloxyethyl phosphate	static test EC50	Pseudokirchneriella subcapitata (green algae)	61 mg/l	72 h

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Hydrogen Peroxide	static test EC50	Skeletonema costatum (marine diatom)	1.38 mg/l	72 h
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Persistence and degradability

Component	Biodegradation	Exposure time	Summary
Diethylene glycol monoethyl ether	100 %	28 d	Readily biodegradable.
2-Propenoic acid, polymer with ethenylbenzene and (1-methylethenyl)benzene	No data available		
Tributyoxyethyl phosphate	87 %	28 d	Readily biodegradable.
Hydrogen Peroxide	> 99 %	30 min	Readily biodegradable.
Diethylene glycol monoethyl ether	100 %	28 d	Readily biodegradable.
Tributyoxyethyl phosphate	87 %	28 d	Readily biodegradable.
Hydrogen Peroxide	> 99 %	30 min	Readily biodegradable.

Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Diethylene glycol monoethyl ether	3,162	0.54
2-Propenoic acid, polymer with ethenylbenzene and (1-methylethenyl)benzene	No data available	No data available
Tributyoxyethyl phosphate	5.8 Measured	3.75 Measured
Hydrogen Peroxide	No data available	-1.57
Diethylene glycol monoethyl ether	3,162	0.54
Tributyoxyethyl phosphate	5.8 Measured	3.75 Measured
Hydrogen Peroxide	No data available	-1.57

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Mobility

Component	End point	Value
Diethylene glycol monoethyl ether	No data available	
2-Propenoic acid, polymer with ethenylbenzene and (1-methylethenyl)benzene	No data available	
Tributyloxyethyl phosphate	log Koc	2.5
Hydrogen Peroxide	No data available	
Diethylene glycol monoethyl ether	No data available	
Tributyloxyethyl phosphate	log Koc	2.5
Hydrogen Peroxide	No data available	

PBT and vPvB assessment

Component	Results
Diethylene glycol monoethyl ether	Not fulfilling PBT and vPvB criteria
Tributyloxyethyl phosphate	Not fulfilling PBT and vPvB criteria
Diethylene glycol monoethyl ether	Not fulfilling PBT and vPvB criteria
Tributyloxyethyl phosphate	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.

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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

Not classified as dangerous in the meaning of transport regulations.

Air transport

Not classified as dangerous in the meaning of transport regulations.

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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Canada Regulations : This product has been classified in accordance with the hazard criteria of the Hazardous Products Act and Regulations.

16. OTHER INFORMATION

HMIS Ratings

Health	1
Flammability	0
Reactivity	0

NFPA Ratings

Health	1
Fire	0
Reactivity	0
Special	-

This information is being provided in accordance with Canada's Workplace Hazard Material Information System. 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 &
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	Regulatory Affairs (GSARA)
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