according to Hazard Communication Standard; 29 CFR 1910.1200



PLEDGE® EVERYDAY CLEANER MULTI SURFACE - CLEAN CITRUS SCENT

Version 0.0 Print Date 09/06/2016

Revision Date 00/00/0000 SDS Number 350000021022

GEN_SOF Number 45845

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Product name : PLEDGE® EVERYDAY CLEANER MULTI SURFACE -

CLEAN CITRUS SCENT

Recommended use : Speciality Cleaner

Manufacturer, importer, : S.C. Johnson & Son, Inc.

supplier 1525 Howe Street

Racine WI 53403-2236

Telephone

Emergency telephone: 24 Hour Medical Emergency Phone: (866)231-5406

number 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 liquids	Category 4	Combustible liquid.

Labelling

Hazard statements

Combustible liquid.

Precautionary statements

In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

Store in a well-ventilated place. Keep cool.

Dispose of contents/ container to an approved incineration plant. Keep away from heat/sparks/open flames/hot surfaces. No smoking.

Wear protective gloves.

Other hazards : None identified

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3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	Weight percent
Ethyl alcohol	64-17-5	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

: Flammable liquid. Vapors are heavier than air and may travel to a source of ignition and flash back. Liquid run-off to sewers may create fire/explosion hazard. Container may melt and leak

in heat of fire.

Further information : Although this product has a flash point below 200 Deg F, it is

an aqueous solution containing an alcohol and does not sustain combustion. Cool and use caution when approaching or handling fire-exposed containers. Fight fire with normal precautions from a reasonable distance. For large quantities of

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> flammable liquids, consider containment to prevent the spread of fire. Standard procedure for chemical fires. 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.

> Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

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.

Storage

Requirements for storage

areas and containers

Keep container closed when not in use. Store in a well-ventilated place. Keep cool.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

Components	CAS-No.	mg/m3	ppm	Non- standard units	Basis
Ethyl alcohol	64-17-5	1,900 mg/m3	1,000 ppm	-	OSHA TWA
Ethyl alcohol	64-17-5	-	1,000 ppm	-	ACGIH STEL

Personal protective equipment

Respiratory protection : No special requirements.

Hand protection : No special requirements.

Eye protection : Safety glasses with side-shields

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 : liquid

Color : clear

Odor : pleasant

Odour Threshold : No data available

pH : 6.0

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at (20 °C)

Melting point/freezing point : No data available

Initial boiling point and

boiling range

: No data available

Flash point : 64 °C

147.2 °F

Method: Tag Closed Cup (TCC)

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 : 0.99 g/cm3 at 20 °C

Solubility(ies) : completely soluble

Partition coefficient: n-

octanol/water

: No data available

Auto-ignition temperature : No data available

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Decomposition temperature : No data available

Viscosity, dynamic : No data available

Viscosity, kinematic : No data available

Oxidizing properties : No data available

Volatile Organic : 0.5 % - additional exemptions may apply

Compounds

as defined by US Federal and State Consumer Product Total VOC (wt. %)

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 : Heat, flames and sparks.

Incompatible materials : Strong oxidizing agents

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 : Warning

Acute oral toxicity : LD50

estimated > 5,000 mg/kg

Acute inhalation toxicity : LC50

Measured > 2.58 mg/l

Acute dermal toxicity : LD50

Measured > 5,050 mg/kg

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	No classification proposed	-

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toxicity - repeated exposure		
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
Ethyl alcohol	flow- through test LC50	Pimephales promelas (fathead minnow)	14,200 mg/l	96 h

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
Ethyl alcohol	static test EC50	Daphnia magna (Water flea)	2 mg/l	48 h
	NOEC	Daphnia magna	9.6 mg/l	9 d

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Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Ethyl alcohol	Static EC50	Chlorella vulgaris (Fresh water algae)	275 mg/l	72 h

Persistence and degradability

Component	Biodegradation	Exposure time	Summary
Ethyl alcohol	97 %	28 d	Readily biodegradable

Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n- Octanol/water (log)
Ethyl alcohol	3.2 estimated	-0.35 Measured

Mobility

Component	End point	Value
Ethyl alcohol	No data available	

PBT and vPvB assessment

Component	Results
Ethyl alcohol	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

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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16. OTHER INFORMATION

HMIS Ratings

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Health	0	
Flammability	2	
Reactivity	0	

NFPA Ratings

Health	0	
Fire	2	
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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