## SAFETY DATA SHEET



LYSOL® Hydrogen Peroxide Action™ Bathroom Cleaner - Cool Spring Breeze (Canada)

## 1. Product and company identification

Product name : LYSOL® Hydrogen Peroxide Action™ Bathroom Cleaner - Cool Spring Breeze (Canada)

Distributed by : Reckitt Benckiser (Canada) Inc.

1680 Tech Avenue, Unit #2 Mississauga, Ontario L4W 5S9

**CANADA** 

Telephone: +1 905 283 7000

Reckitt Benckiser LLC. Morris Corporate Center IV

399 Interpace Parkway (P.O. Box 225) Parsippany, New Jersey 07054-0225

+1 973 404 2600

Emergency telephone number (Medical)

: 1-800-338-6167

Emergency telephone number (Transport)

: 1-800-424-9300 (U.S. & Canada) CHEMTREC

Outside U.S. and Canada (North America), call Chemtrec:703-527-3887

Website: : http://www.rbnainfo.com

Product use : Multipurpose Cleaner

This SDS is designed for workplace employees, emergency personnel and for other conditions and situations where there is greater potential for large-scale or prolonged exposure, in accordance with the requirements of USDOL Occupational Safety and Health Administration.

This SDS is not applicable for consumer use of our products. For consumer use, all precautionary and first aid language is provided on the product label in accordance with the applicable government regulations, and shown in Section 15 of this SDS.

**SDS** # : D8007203 v6.0

Formulation #: : 1754-008/0270327 v2.0

**DIN #** : 02417987

UPC Code / Sizes : 14 oz HDPE Pump Top Dispenser.

### 2. Hazards identification

Classification of the substance or mixture

: CORROSIVE TO METALS - Category 1 ACUTE TOXICITY (inhalation) - Category 3

EYE IRRITATION - Category 2B

Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 2%

**GHS label elements** 

Code # : FF0270327 SDS # : D8007203 v6.0 Date of issue : 18/06/2018 1/15

### 2. Hazards identification

Hazard pictograms





Signal word : Danger

**Hazard statements** : May be corrosive to metals.

Toxic if inhaled.
Causes eye irritation.

**Precautionary statements** 

General : Keep out of reach of children. If medical advice is needed, have product container or

label at hand.

**Prevention**: Keep only in original container. Use only outdoors or in a well-ventilated area. Avoid

breathing vapor. Wash hands thoroughly after handling.

**Response** : Absorb spillage to prevent material damage. IF INHALED: Remove person to fresh air

and keep comfortable for breathing. Call a POISON CENTER or physician. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and

easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

**Storage** : Store locked up. Store in a corrosion resistant container with a resistant inner liner.

Disposal : Dispose of contents and container in accordance with all local, regional, national and

international regulations.

Supplemental label

elements

: None known.

**Hazards not otherwise** 

classified

: None known.

## 3. Composition/information on ingredients

Substance/mixture : Mixture

Ingredient name	%	CAS number
1-(2-butoxy-1-methylethoxy)propan-2-ol	0.5-1.5	29911-28-2
hydrogen peroxide	0.5-1.5	7722-84-1
citric acid	0.1 - 1	77-92-9

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

### 4. First aid measures

#### **Description of necessary first aid measures**

**Eye contact** 

: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. If irritation persists, get medical attention.

Code # : FF0270327 SDS # : D8007203 v6.0 Date of issue : 18/06/2018 2/15

### 4. First aid measures

#### Inhalation

: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

#### **Skin contact**

: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

#### Ingestion

: Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

#### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

Eye contact : Causes eye irritation.

Inhalation : Toxic if inhaled.

Skin contactIngestionNo known significant effects or critical hazards.No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

**Eye contact**: Adverse symptoms may include the following:

irritation watering redness

Inhalation: No specific data.Skin contact: No specific data.Ingestion: No specific data.

#### Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician : Treat symptomatically. Contact poison treatment specialist immediately if large

quantities have been ingested or inhaled.

**Specific treatments**: No specific treatment.

Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training. If it is

suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to

give mouth-to-mouth resuscitation.

#### See toxicological information (Section 11)

## 5. Fire-fighting measures

#### Extinguishing media

Suitable extinguishing

media

Unsuitable extinguishing

media

: Use an extinguishing agent suitable for the surrounding fire.

: None known.

Specific hazards arising from the chemical

**Hazardous thermal** decomposition products : In a fire or if heated, a pressure increase will occur and the container may burst.

: Decomposition products may include the following materials: carbon dioxide carbon monoxide

Special protective actions for fire-fighters

: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

**Special protective** equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For nonemergency personnel".

#### **Environmental precautions**

: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

#### Methods and materials for containment and cleaning up

**Small spill** 

: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Absorb spillage to prevent material damage. Dispose of via a licensed waste disposal contractor.

Large spill

Stop leak if without risk. Move containers from spill area. Absorb spillage to prevent material damage. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Code # : FF0270327 SDS# : D8007203 v6.0 **Date of issue** : 18/06/2018 4/15

## 7. Handling and storage

#### Precautions for safe handling

**Protective measures** 

: Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container. Absorb spillage to prevent material damage.

Conditions for safe storage, : including any incompatibilities

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store in a corrosion resistant container with a resistant inner liner. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## 8. Exposure controls/personal protection

#### **Control**

#### **Occupational exposure limits**

Ingredient name	Exposure limits
hydrogen peroxide solution	ACGIH TLV (United States, 3/2015).  TWA: 1 ppm 8 hours.  TWA: 1.4 mg/m³ 8 hours.  OSHA PEL 1989 (United States, 3/1989).  TWA: 1 ppm 8 hours.  TWA: 1.4 mg/m³ 8 hours.  NIOSH REL (United States, 10/2013).  TWA: 1 ppm 10 hours.  TWA: 1.4 mg/m³ 10 hours.  OSHA PEL (United States, 2/2013).  TWA: 1 ppm 8 hours.  TWA: 1 ppm 8 hours.

# Appropriate engineering controls

: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

# **Environmental exposure** controls

: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

#### **Individual protection measures**

**Hygiene measures** 

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

#### **Eye/face protection**

: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

#### **Skin protection**

Code # : FF0270327 SDS # : D8007203 v6.0 Date of issue : 18/06/2018 5/15

## 8. Exposure controls/personal protection

**Hand protection** 

: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

**Body protection** 

: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection

: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection** 

: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## 9. Physical and chemical properties

**Appearance** 

Physical state : Liquid.

Color : Clear.

Odor threshold : Not available.

Not available.

**PH** : 2.1 to 3.5 [Conc. (% w/w): 100%]

Melting point : Not available.

Boiling point : Not available.

Flash point : Closed cup: >93.3°C (>199.9°F)

Evaporation rate : Not available.
Flammability (solid, gas) : Not available.
Lower and upper explosive : Not available.

(flammable) limits

Vapor pressure : Not available.
Vapor density : Not available.

Relative density : 1 to 1.005 g/cm³ [20 to 25°C]

**Solubility** : Easily soluble in the following materials: cold water and hot water.

Partition coefficient: n-

octanol/water

Not available.

Auto-ignition temperature: Not available.Decomposition temperature: Not available.Viscosity: Not available.Flow time (ISO 2431): Not available.

Code # : FF0270327 SDS # : D8007203 v6.0 Date of issue : 18/06/2018 6/15

## 10. Stability and reactivity

Reactivity

: No specific test data related to reactivity available for this product or its ingredients.

**Chemical stability** 

: The product is stable.

Possibility of hazardous reactions

: Under normal conditions of storage and use, hazardous reactions will not occur.

**Conditions to avoid** 

: No specific data.

**Incompatible materials** 

: Reactive or incompatible with the following materials:

metals

Hazardous decomposition products

: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## 11. Toxicological information

#### Information on toxicological effects

#### **Acute toxicity**

Product/ingredient name	Result	Species	Dose	Exposure
hydrogen peroxide	LD50 Oral	Rat - Male, Female	805 mg/kg (70% H2O2 w/w)	-
Citric acid	LD50 Oral	Rat	3 g/kg	-
*Lysol Brand Kills 99.9% of Viruses & Bacteria Power & Free Tap Top Multi-Purpose Cleaner with Hydrogen Peroxide, All Scents	LC50 Inhalation Vapor	Rat	>2.06 mg/l	4 hours
	LD50 Dermal LD50 Oral	Rat Rat	>5000 mg/kg >5000 mg/kg	-

**Conclusion/Summary** 

: Not classified Harmful \*Information is based on toxicity test result of a similar product.

#### **Irritation/Corrosion**

Product/ingredient name	Result	Species	Score	Exposure	Observation
hydrogen peroxide	Eyes - Severe irritant	Rabbit	-	1 milligrams	-
Citric acid	Eyes - Severe irritant	Rabbit	-	24 hours 750 Micrograms	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Skin - Moderate irritant	Rabbit	-	0.5 Mililiters	-
*Lysol Brand Kills 99.9% of Viruses & Bacteria Power & Free Tap Top Multi-Purpose Cleaner with Hydrogen Peroxide, All Scents	Eyes - Mild irritant	Rabbit	-	-	-
,	Skin - Mild irritant	Rabbit	-	-	-

#### **Conclusion/Summary**

Skin

: Slightly irritating to the skin. \*Information is based on toxicity test result of a similar product.

**Eyes** 

: Mildly irritating to the eyes. \*Information is based on toxicity test result of a similar product.

Respiratory

: Based on available data, the classification criteria are not met.

**Sensitization** 

Code # : FF0270327 SDS # : D8007203 v6.0 Date of issue : 18/06/2018 7/15

## 11. Toxicological information

Product/ingredient name	Route of exposure	Species	Result
*Lysol Brand Kills 99.9% of Viruses & Bacteria Power & Free Tap Top Multi-Purpose Cleaner with Hydrogen Peroxide, All Scents	skin	Guinea pig	Not sensitizing

**Conclusion/Summary** 

**Skin**: Non-sensitizer to skin. \*Information is based on toxicity test result of a similar product.

**Respiratory**: Based on available data, the classification criteria are not met.

**Mutagenicity** 

Not available.

**Conclusion/Summary**: Based on available data, the classification criteria are not met.

**Carcinogenicity** 

Not available.

**Conclusion/Summary**: Based on available data, the classification criteria are not met.

**Classification** 

Product/ingredient name	OSHA	IARC	NTP
hydrogen peroxide solution	-	3	-

#### **Reproductive toxicity**

Not available.

**Conclusion/Summary**: Based on available data, the classification criteria are not met.

**Teratogenicity** 

Not available.

**Conclusion/Summary**: Based on available data, the classification criteria are not met.

#### Specific target organ toxicity (single exposure)

Name		Route of exposure	Target organs
hydrogen peroxide solution	Category 3	Not applicable.	Respiratory tract irritation

#### Specific target organ toxicity (repeated exposure)

Not available.

#### **Aspiration hazard**

Not available.

Information on the likely routes of exposure

: Not available.

Potential acute health effects

Eye contact : Causes eye irritation.

Inhalation : Toxic if inhaled.

Code # : FF0270327 SDS # : D8007203 v6.0 Date of issue : 18/06/2018 8/15

## 11. Toxicological information

Skin contactIngestionNo known significant effects or critical hazards.No known significant effects or critical hazards.

#### Symptoms related to the physical, chemical and toxicological characteristics

**Eye contact** : Adverse symptoms may include the following:

irritation watering redness

Inhalation: No specific data.Skin contact: No specific data.Ingestion: No specific data.

#### Delayed and immediate effects and also chronic effects from short and long term exposure

**Short term exposure** 

Potential immediate : Not available.

effects

Potential delayed effects : Not available.

**Long term exposure** 

Potential immediate

effects

: Not available.

Potential delayed effects : Not available.

Potential chronic health effects

Not available.

**Conclusion/Summary**: Based on available data, the classification criteria are not met.

General : No known significant effects or critical hazards.
 Carcinogenicity : No known significant effects or critical hazards.
 Mutagenicity : No known significant effects or critical hazards.
 Teratogenicity : No known significant effects or critical hazards.
 Developmental effects : No known significant effects or critical hazards.
 Fertility effects : No known significant effects or critical hazards.

#### **Numerical measures of toxicity**

**Acute toxicity estimates** 

Not available.

Code # : FF0270327 SDS # : D8007203 v6.0 Date of issue : 18/06/2018 9/15

## 12. Ecological information

#### **Toxicity**

Product/ingredient name	Result	Species	Exposure
hydrogen peroxide solution	Acute EC50 1.2 mg/l Marine water	Algae - Dunaliella tertiolecta - Exponential growth phase	72 hours
	Acute EC50 5.38 mg/l Fresh water	Algae - Pseudokirchneriella subcapitata	96 hours
	Acute EC50 2320 μg/l Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
	Acute LC50 93 ppm Fresh water	Fish - Oncorhynchus mykiss	96 hours
	Chronic NOEC 989.7 ppm Fresh water	Fish - Oncorhynchus tshawytscha - Egg	43 days
citric acid	Acute LC50 160000 µg/l Marine water	Crustaceans - Carcinus maenas - Adult	48 hours

**Conclusion/Summary** 

: Based on available data, the classification criteria are not met.

#### Persistence and degradability

**Conclusion/Summary** 

: Based on available data, the classification criteria are not met.

#### **Bioaccumulative potential**

Product/ingredient name	LogPow	BCF	Potential
1-(2-butoxy-1-methylethoxy) propan-2-ol	1.523	-	low
hydrogen peroxide solution citric acid	-1.36 -1.8	-	low low

#### **Mobility in soil**

Soil/water partition coefficient (Koc)

: Not available.

#### Other adverse effects

: No known significant effects or critical hazards.

## 13. Disposal considerations

#### **Disposal methods**

: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Code # : FF0270327 SDS # : D8007203 v6.0 Date of issue : 18/06/2018 10/15

# 14. Transport information

UN1760	Corrosive liquids, n.o. s. (citric acid, hydrogen peroxide)	8	III	CONTROL OF THE STATE OF THE STAT	Limited quantity Yes.  Packaging instruction Passenger aircraft Quantity limitation: 5 L  Cargo aircraft Quantity limitation: 60 L  Special provisions IB3, T7, TP1, TP28, T1
UN1760	CORROSIVE LIQUID, N.O.S. (citric acid, hydrogen peroxide)	8	III		Product classified as per the following sections of the Transportation of Dangerous Goods Regulations: 2.40-2. 42 (Class 8).  Explosive Limit and Limited Quantity Index 5  Passenger Carrying Road or Rail Index 5  Special provisions 16
Not applicable	LIQUIDO CORROSIVO, N.E.P. (citric acid, hydrogen peroxide)	Not applicable	N/A		Special provisions 223, 274
UN1760	CORROSIVE LIQUID, N.O.S. (citric acid, hydrogen peroxide)	8	III		Emergency schedules (EmS) F-A, S-B Special provisions 223, 274
	Not applicable	Not applicable	Not applicable CORROSIVE LIQUID, (citric acid, hydrogen peroxide)  Not applicable CORROSIVO, N.E.P. (citric acid, hydrogen peroxide)  UN1760 CORROSIVO, N.E.P. (citric acid, hydrogen peroxide)  UN1760 CORROSIVE LIQUID, N.O.S. (citric acid, M.O.S. (citric acid, M	S. (citric acid, hydrogen peroxide)  UN1760  CORROSIVE LIQUID, N.O.S. (citric acid, hydrogen peroxide)  Not applicable  CORROSIVO, N.E.P. (citric acid, hydrogen peroxide)  UN1760  CORROSIVO, N.E.P. (citric acid, hydrogen peroxide)  UN1760  CORROSIVE LIQUID, N.O.S. (citric acid, N.O	S. (citric acid, hydrogen peroxide)  UN1760  CORROSIVE LIQUID, N.O.S. (citric acid, hydrogen peroxide)  Not applicable  CORROSIVO, N.E.P. (citric acid, hydrogen peroxide)  UN1760  CORROSIVO, N.E.P. (citric acid, hydrogen peroxide)  UN1760  CORROSIVE LIQUID, N.O.S. (citric acid, N.O

Code # : FF0270327 (D8007203 v1. 0)\_Angel\_CAN

## 14. Transport information

IATA-DGR Class	UN1760	Corrosive liquid, n.o.s.	8	111	Passenger and
		(citric acid, hydrogen			Cargo Aircraft
		peroxide)			Quantity limitation: 5 L
		,			Packaging
					instructions: 852
					Cargo Aircraft Only
					Quantity limitation: 60
					L
					Packaging
					instructions: 856
					<b>Limited Quantities -</b>
					Passenger Aircraft
					Quantity limitation: 1 L
					Packaging
					instructions: Y841
					Special provisions
					A3
					,

Special precautions for user : Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

PG\* : Packing group

# 15. Regulatory information

**U.S. Federal regulations** : TSCA 8(a) PAIR: 1-(2-butoxy-1-methylethoxy)propan-2-ol

TSCA 8(a) CDR Exempt/Partial exemption: Not determined

United States inventory (TSCA 8b): Not determined.

Clean Air Act Section 112

(b) Hazardous Air **Pollutants (HAPs)**  : Listed

Clean Air Act Section 602

**Class I Substances** 

: Not listed

Clean Air Act Section 602 **Class II Substances** 

: Not listed

**DEA List I Chemicals** 

(Precursor Chemicals)

: Not listed

**DEA List II Chemicals** (Essential Chemicals)

: Not listed

**SARA 302/304** 

Composition/information on ingredients

12/15 Code # : FF0270327 SDS# : D8007203 v6.0 **Date of issue** : 18/06/2018

## 15. Regulatory information

			SARA 302 TPQ		SARA 304 RQ	
Name	%	EHS	(lbs)	(gallons)	(lbs)	(gallons)
hydrogen peroxide solution	1 - 2.5	Yes.	1000	106.1	1000	106.1

SARA 304 RQ : 95238.1 lbs / 43238.1 kg [11393.8 gal / 43130.3 L]

**SARA 311/312** 

Classification : Reactive

Immediate (acute) health hazard

#### Composition/information on ingredients

Name	%	Fire hazard	Sudden release of pressure		Immediate (acute) health hazard	Delayed (chronic) health hazard
hydrogen peroxide solution citric acid		Yes. No.	No. No.	No. No.	Yes. Yes.	No. No.

#### **State regulations**

Massachusetts : The following components are listed: HYDROGEN PEROXIDE

New York : The following components are listed: Hydrogen peroxide

New Jersey : The following components are listed: HYDROGEN PEROXIDE

Pennsylvania : The following components are listed: HYDROGEN PEROXIDE

**Canada** 

WHMIS (Canada) : Class D-1B: Material causing immediate and serious toxic effects (Toxic).

Class E: Corrosive material

**Canadian lists** 

Canadian NPRI : None of the components are listed.

CEPA Toxic substances : None of the components are listed.

Canada inventory : All components are listed or exempted.

**Label elements** 

Signal word: : CAUTION

**Hazard statements**: Keep out of reach of children.

**Precautionary measures**: Avoid contact with eyes, skin and clothing.

Avoid breathing dust/fume/gas/mist/vapors/spray.

Additional information : Short term Skin Bleaching agent. IF ON SKIN: Rinse skin with water.

## 16. Other information

Hazardous Material Information System (U.S.A.)



Code # : FF0270327 SDS # : D8007203 v6.0 Date of issue : 18/06/2018 13/15

### 16. Other information

Personal protection

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks Although HMIS® ratings are not required on MSDSs under 29 CFR 1910. 1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may

The customer is responsible for determining the PPE code for this material.

be purchased exclusively from J. J. Keller (800) 327-6868.

National Fire Protection Association (U.S.A.)



Reprinted with permission from NFPA 704-2001, Identification of the Hazards of Materials for Emergency Response Copyright ©1997, National Fire Protection Association, Quincy, MA 02269. This reprinted material is not the complete and official position of the National Fire Protection Association, on the referenced subject which is represented only by the standard in its entirety.

Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

**Key to abbreviations** : ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973

as modified by the Protocol of 1978. ("Marpol" = marine pollution)

UN = United Nations

Date of issue : 18/06/2018 Date of previous issue : 24/04/2015

Version : 6

Prepared by : Reckitt Benckiser LLC.

Product Safety Department

1 Philips Parkway

Montvale, New Jersey 07646-1810 USA.

FAX: 201-476-7770

Revision comments : Update of SDS.

Indicates information that has changed from previously issued version.

**Notice to reader** 

Code # : FF0270327 SDS # : D8007203 v6.0 Date of issue : 18/06/2018 14/15

### 16. Other information

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.



RB is a member of the CSPA Product Care Product Stewardship Program.