# SAFETY DATA SHEET

LYSOL® POWER & FREE™ Bathroom Cleaner - Citrus Sparkle Zest



Product name	: LYSOL® POWER & FREE™ Bathroom Cleaner - Citrus Sparkle Zest
Distributed by	: Reckitt Benckiser LLC. Morris Corporate Center IV 399 Interpace Parkway (P.O. Box 225) Parsippany, New Jersey 07054-0225 +1 973 404 2600
	Reckitt Benckiser (Canada) Inc. 1680 Tech Avenue, Unit #2 Mississauga, Ontario L4W 5S9 CANADA Telephone: +1 905 283 7000
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

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 #	: D8214211 v2.0
Formulation #:	: 8208493 v1.0
EPA ID No.	: 777-126
DIN #	: 02417987
UPC Code / Sizes	: HDPE Bottle with Trigger and Pump Top

# 2. Hazards identification Classification of the substance or mixture : CORROSIVE TO METALS - Category 1 GHS label elements Hazard pictograms :

Signal word	: Warning
Hazard statements	: May be corrosive to metals.
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.
Response	: Absorb spillage to prevent material damage.
Storage	: Store in a corrosion resistant container with a resistant inner liner.
Disposal	: Not applicable.
Supplemental label elements	: None known.
Hazards not otherwise classified	: None known.

# 3. Composition/information on ingredients

Subst	tance/	mi	xture	
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: Mixture

Ingredient name	%	CAS number
1-(2-butoxy-1-methylethoxy)propan-2-ol	1 - 2.5	29911-28-2
hydrogen peroxide	1 - 2.5	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	<ul> <li>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. Get medical attention if irritation occurs.</li> </ul>	
Inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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 adverse health effects persist or are severe. 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.	

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# 4. First aid measures

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 if adverse health effects persist or are severe. 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

Eye contact	: Mildly irritating to the eyes.
Inhalation	: No known significant effects or critical hazards.
Skin contact	: Slightly irritating to the skin.
Ingestion	: No known significant effects or critical hazards.
<u>Over-exposure signs</u>	/symptoms
Eye contact	: Adverse symptoms may include the following: pain or irritation redness
Inhalation	: No specific data.
Skin contact	: Adverse symptoms may include the following: Irritation
Ingestion	: No specific data.

Notes to physician	<ul> <li>Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.</li> </ul>
Specific treatments	: No specific treatment.
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training. 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	: Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	: None known.
Specific hazards arising from the chemical	: In a fire or if heated, a pressure increase will occur and the container may burst.

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## 5. Fire-fighting measures

Hazardous thermal decomposition products	: 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. Avoid breathing 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 non-emergency personnel".
Environmental precautions		Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains

#### vironmental 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.

## 7. Handling and storage

#### Precautions for safe handling

Protective measures	: Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid
	contact with eyes, skin and clothing. Avoid breathing vapor or mist. 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.

## 7. Handling and storage

## 8. Exposure controls/personal protection

#### **Control**

#### **Occupational exposure limits**

Ingredient name	Exposure limits			
hydrogen peroxide	ACGIH TLV (United States, 3/2015). TWA: 1 ppm 8 hours. TWA: 1.4 mg/m <sup>3</sup> 8 hours. OSHA PEL 1989 (United States, 3/1989). TWA: 1 ppm 8 hours. TWA: 1.4 mg/m <sup>3</sup> 8 hours. NIOSH REL (United States, 10/2013). TWA: 1 ppm 10 hours. TWA: 1.4 mg/m <sup>3</sup> 10 hours. OSHA PEL (United States, 2/2013). TWA: 1 ppm 8 hours. TWA: 1 ppm 8 hours. TWA: 1.4 mg/m <sup>3</sup> 8 hours.			
Appropriate engineering controls	: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.			
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.			
ndividual protection meas	ures de la constante de la const			
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: safety glasses with side-shields.			
Skin 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.			

# 8. Exposure controls/personal protection

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

<u>Appearance</u>	
Physical state	: Liquid.
Color	: Clear.
Odor	: Characteristic.
Odor threshold	: Not available.
рН	: 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 (flammable) limits	: Not available.
Vapor pressure	: Not available.
Vapor density	Not available.
Relative density	: 1 to 1.02
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.

## 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	<ul> <li>Reactive or incompatible with the following materials: metals</li> <li>Do not mix with household chemicals.</li> </ul>

## **10. Stability and reactivity**

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** with Hydrogen Peroxide Multipurpose Cleaner Citrus Sparkle Zest Scent	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** with Hydrogen Peroxide Multipurpose Cleaner Citrus Sparkle Zest Scent	Eyes - Cornea opacity	Rabbit	<1	-	-
	Skin - Slight irritant	Rabbit	<1	-	-

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.

#### **Sensitization**

Product/ingredient name	Route of exposure	Species	Result
*Lysol Brand Kills 99.9% of Viruses & Bacteria** with Hydrogen Peroxide Multipurpose Cleaner Citrus Sparkle Zest Scent	skin	Guinea pig	Not sensitizing

**Conclusion/Summary** 

Skin

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

#### **Mutagenicity**

Code # : FF8208493 (D8214211) NA

## **11. Toxicological information**

Not available.

#### **Carcinogenicity**

Not available.

#### **Classification**

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

#### **Reproductive toxicity**

Not available.

#### **Teratogenicity**

Not available.

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

Not available.

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

Not available.

#### **Aspiration hazard**

Not available.

Information on the likely routes of exposure	1	Not available.
Potential acute health effects		
Eye contact	:	Mildly irritating to the eyes.
Inhalation	:	No known significant effects or critical hazards.
Skin contact	:	Slightly irritating to the skin.
Ingestion	:	No known significant effects or critical hazards.

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

Eye contact	<ul> <li>Adverse symptoms may include the following: pain or irritation redness</li> </ul>
Inhalation	: No specific data.
Skin contact	: Adverse symptoms may include the following: Irritation
Ingestion	: No specific data.

Delayed and immediate ef	fects and also chronic effects from short and long term exposure
<u>Short term exposure</u>	
Potential immediate effects	: Not available.
Potential delayed effect	s : Not available.
Long term exposure	
Potential immediate effects	: Not available.
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## **11. Toxicological information**

Potential delayed effects : Not available.

Potential chronic health effects

Not available.

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.

## 12. Ecological information

#### **Toxicity**

Product/ingredient name	Result	Species	Exposure
hydrogen peroxide	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

#### Persistence and degradability

Not available.

#### **Bioaccumulative potential**

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

#### Mobility in soil

Soil/water partition : Not available. coefficient (Koc)

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## **12. Ecological information**

**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.

## 14. Transport information

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label	Additional information
DOT Classification	UN1760	Corrosive liquids, n.o. s. (citric acid, hydrogen peroxide)	8	111	$\diamondsuit$	Limited quantity
TDG Classification	UN1760	CORROSIVE LIQUID, N.O.S. (citric acid, hydrogen peroxide)	8		$\diamond$	Limited quantity
Mexico Classification	UN1760	LIQUIDO CORROSIVO, N.E.P. (citric acid, hydrogen peroxide)	8		a state of the sta	Special provisions 223, 274
IMDG Class	UN1760	CORROSIVE LIQUID, N.O.S. (citric acid, hydrogen peroxide)	8	111	$\bigcirc$	Limited quantity
IATA-DGR Class	UN1760	Corrosive liquid, n.o.s. (citric acid, hydrogen peroxide)	8			<u>See DG List.</u>

#### 14. Transport information 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; α-hexylcinnamaldehyde; 2-(4tert-butylbenzyl)propionaldehyde; 3-p-cumenyl-2-methylpropionaldehyde; 1-methyl-4-(4methylpentyl)cyclohex-3-ene-1-carbaldehyde; 4-(4-hydroxy-4-methylpentyl)cyclohex-3enecarbaldehyde TSCA 8(a) CDR Exempt/Partial exemption: Not determined United States inventory (TSCA 8b): All components are listed or exempted. **Clean Air Act Section 112** : Listed (b) Hazardous Air **Pollutants (HAPs) Clean Air Act Section 602** : Not listed **Class I Substances** : Not listed **Clean Air Act Section 602 Class II Substances DEA List I Chemicals** : Not listed (Precursor Chemicals) **DEA List II Chemicals** : Not listed (Essential Chemicals)

#### SARA 302/304

#### **Composition/information on ingredients**

			SARA 302 1	<b>PQ</b>	SARA 304 F	RQ
Name	%	EHS	(lbs)	(gallons)	(lbs)	(gallons)
hydrogen peroxide	1 - 2.5	Yes.	1000	106.1	1000	106.1

: 95238.1 lbs / 43238.1 kg [11309.2 gal / 42810 L]

#### SARA 304 RQ SARA 311/312

Classification : Reactive

#### **Composition/information on ingredients**

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

#### **State regulations**

Μ	as	sa	ch	us	etts
			••••		••••

New York

: The following components are listed: HYDROGEN PEROXIDE

: The following components are listed: Hydrogen peroxide

SDS #

: The following components are listed: HYDROGEN PEROXIDE

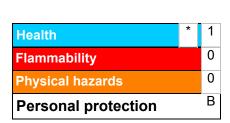
New Jersey Code # :

## **15. Regulatory information**

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       : All components are listed or exempted.         Signal word:       : CAUTION         Hazard statements       : Do not mix with other chemicals such as fire extinguishing agents.         Precautionary measures       : Keep out of reach of children.         Additional information       : Short term Skin Bleaching agent. IF ON SKIN: Rinse skin with water.	Pennsylvania	: The following components are listed: HYDROGEN PEROXIDE
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       : Do not mix with other chemicals such as fire extinguishing agents.         Precautionary measures       : Keep out of reach of children.	<u>Canada</u>	
Canadian NPRI CEPA Toxic substances Canada inventory: None of the components are listed. : None of the components are listed. : All components are listed or exempted.Label elements Signal word: Hazard statements Precautionary measures: CAUTION : CAUTION : Keep out of reach of children.	WHMIS (Canada)	•
CEPA Toxic substances       : None of the components are listed.         Canada inventory       : All components are listed or exempted.         Label elements       :         Signal word:       : CAUTION         Hazard statements       : Do not mix with other chemicals such as fire extinguishing agents.         Precautionary measures       : Keep out of reach of children.	<u>Canadian lists</u>	
Canada inventory       : All components are listed or exempted.         Label elements       .         Signal word:       : CAUTION         Hazard statements       : Do not mix with other chemicals such as fire extinguishing agents.         Precautionary measures       : Keep out of reach of children.	Canadian NPRI	: None of the components are listed.
Label elements         Signal word:       : CAUTION         Hazard statements       : Do not mix with other chemicals such as fire extinguishing agents.         Precautionary measures       : Keep out of reach of children.	<b>CEPA</b> Toxic substances	: None of the components are listed.
Signal word:: CAUTIONHazard statements: Do not mix with other chemicals such as fire extinguishing agents.Precautionary measures: Keep out of reach of children.	Canada inventory	: All components are listed or exempted.
Hazard statements: Do not mix with other chemicals such as fire extinguishing agents.Precautionary measures: Keep out of reach of children.	Label elements	
Precautionary measures : Keep out of reach of children.	Signal word:	: CAUTION
•	Hazard statements	: Do not mix with other chemicals such as fire extinguishing agents.
Additional information : Short term Skin Bleaching agent. IF ON SKIN: Rinse skin with water.	Precautionary measures	: Keep out of reach of children.
	Additional information	: Short term Skin Bleaching agent. IF ON SKIN: Rinse skin with water.

## 16. Other information

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



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

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

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



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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.

## **16. Other information**

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 = Internediate 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	: 15/05/2017
Date of previous issue	: 16/04/2015
Version	: 2
Prepared by	: Reckitt Benckiser LLC. Product Safety Department 1 Philips Parkway Montvale, New Jersey 07646-1810 USA. FAX: 201-476-7770

#### **Revision comments**

: Update to add Canada Address.

Indicates information that has changed from previously issued version.

#### Notice to reader

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.