Conforms to USDOL OSHA 29CFR 1910.1200 HAZCOM

SAFETY DATA SHEET

LYSOL® Power & Fresh 6 Automatic Toilet Cleaner - Bleach



1. Product and company identification

Product name	: LYSOL® Power & Fresh 6 Automatic Toilet Cleaner - Bleach
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 : Toilet bowl 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 #	1	D8254425 v4.0
Formulation #:	:	8253969 v1.0
UPC Code / Sizes	:	39 gram soap block in cage with hook

2. Hazards identification

Signal word	: Warning
Hazard statements	: Causes serious eye irritation. Causes skin irritation.
Precautionary statement	<u>S</u>
General	: Keep out of reach of children. If medical advice is needed, have product container or label at hand.
Prevention	: Do not get in eyes, on skin, or on clothing. Wash hands thoroughly after handling.
Response	: IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical attention. 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	: Not applicable.
Disposal	: Not applicable.
Supplemental label elements	: Do not mix with household chemicals. May release dangerous gases (chlorine).
Hazards not otherwise classified	: None known.

3. Composition/information on ingredients

: Mixture

Ingredient name	%	CAS number	
sodium dodecylbenzenesulfonate	30 - 60	25155-30-0	
sodium chloride	15 - 30	7647-14-5	
Sulfuric acid, mono-C12-18-alkyl esters, sodium salts	2.5 - 5	68955-19-1	
troclosene sodium, dihydrate	1 - 2.5	51580-86-0	
Tetrahydrolinalool	1 - 2.5	78-69-3	
Eucalyptol	0.1 - 1	470-82-6	
2-Methylundecanal	0.1 - 1	110-41-8	

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	<u>aid measures</u>
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. Get medical attention.
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. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Skin contact	: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
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4. First aid measures		
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	
Potential acute health effe	<u>cts</u>	
Eye contact	: Causes serious eye irritation.	
Inhalation	: No known significant effects or critical hazards.	
Skin contact	: Causes skin irritation.	
Ingestion	: No known significant effects or critical hazards.	
Over-exposure signs/sym	<u>ptoms</u>	
Eye contact	: Adverse symptoms may include the following: pain or irritation watering redness	
Inhalation	: No specific data.	
Skin contact	: Adverse symptoms may include the following: irritation redness	
Ingestion	: No specific data.	
Indication of immediate me	dical attention and special treatment needed, if necessary	
Notes to physician	 In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. 	
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	: Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

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5. Fire-fighting measures

Hazardous thermal decomposition products	: Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides sulfur oxides halogenated compounds metal oxide/oxides
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, protec	tiv	e 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. 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 and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities.		
Methods and materials for co	ont	ainment and cleaning up		
Small spill	:	Move containers from spill area. Avoid dust generation. Using a vacuum with HEPA filter will reduce dust dispersal. Place spilled material in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.		
Large spill	:	Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Dispose of via a licensed waste disposal contractor. 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 release to the environment. 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.

7. Handling and storage

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. 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 lim	ite	
Not applicable.		
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.
Individual protection measu	res	
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		
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.

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9. Physical and chemical properties

Appearance

Appearance	
Physical state	: Solid.
Color	: White and Green
Odor	: Not available
Odor threshold	: Not available.
pH	: 7.5 to 11 [Conc. (% w/w): 10%]
Melting point	: Not available.
Boiling point	: Not available.
Flash point	: Open cup: >93.3°C (>199.9°F) [Product does not sustain combustion.]
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	: Not available.
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	: No specific data.
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

11. Toxicological information

Product/ingredient name	Result	Species	Dose	Exposure
sodium	LD50 Oral	Rat - Male,	1080 mg/kg	-
dodecylbenzenesulfonate		Female		
sodium chloride	LD50 Oral	Rat	3000 mg/kg	-
troclosene sodium, dihydrate	LD50 Dermal	Rat	>5000 mg/kg	-
· · · · ·	LD50 Oral	Rat	1671 mg/kg	-
Tetrahydrolinalool	LD50 Dermal	Rabbit	>5000 mg/kg	-
	LD50 Oral	Rat	>5000 mg/kg	-
Eucalyptol	LD50 Oral	Rat	2480 mg/kg	-
2-Methylundecanal	LD50 Dermal	Rabbit	>10 g/kg	-
	LD50 Oral	Rat	>5 g/kg	-

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

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
sodium	Eyes - Severe irritant	Rabbit	-	24 hours 250	-
dodecylbenzenesulfonate				Micrograms	
·	Eyes - Severe irritant	Rabbit	-	1 Percent	-
	Skin - Moderate irritant	Rabbit	-	24 hours 20	-
				milligrams	
sodium chloride	Eyes - Moderate irritant	Rabbit	-	24 hours 100	-
				milligrams	
	Eyes - Moderate irritant	Rabbit	-	10 milligrams	-
	Skin - Mild irritant	Rabbit	-	24 hours 500	-
				milligrams	
troclosene sodium, dihydrate	Eyes - Severe irritant	Rabbit	-	0.5 Grams	-
-	Skin - Mild irritant	Rabbit	-	0.5 Grams	-
Tetrahydrolinalool	Eyes - Moderate irritant	Rabbit	-	0.1 Mililiters	-
-	Skin - Moderate irritant	Rabbit	-	24 hours 500	-
				milligrams	

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Conclusion/Summary					
Skin	:	Based on Calculation meth	od: Causes skir	n irritation.	
Eyes	:	Based on Calculation meth	od: Causes ser	ious eye irrita	tion.
Respiratory	:	Based on available data, th	e classification	criteria are no	ot met.
Sensitization					
Not available.					
Conclusion/Summary					
Skin	:	Based on available data, th	e classification	criteria are no	ot met.
Respiratory	:	Based on available data, th	e classification	criteria are no	ot met.
Mutagenicity					
Not available.					
Conclusion/Summary	:	Based on available data, th	e classification	criteria are no	ot met.
Carcinogenicity					
Not available.					
Conclusion/Summary	:	Based on available data, th	e classification	criteria are no	ot met.
Reproductive toxicity					
Not available.					
Conclusion/Summary	:	Based on available data, th	e classification	criteria are no	ot met.
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11. Toxicological information

Teratogenicity

Not available.

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

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on the likely	: Not available.
routes of exposure	

Potential acute health effects

Eye contact	: Causes serious eye irritation.
Inhalation	: No known significant effects or critical hazards.
Skin contact	: Causes skin irritation.
Ingestion	: No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact	: Adverse symptoms may include the following: pain or irritation watering redness
Inhalation	: No specific data.
Skin contact	: Adverse symptoms may include the following: irritation redness
Ingestion	: No specific data.

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

Potential immediate effects	:	Not available.
Potential delayed effects	:	Not available.
Long term exposure		
Potential immediate effects	:	Not available.
Potential delayed effects	:	Not available.
Potential chronic health effe	ect	<u>s</u>
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.
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11. Toxicological information

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

Product/ingredient name	Result	Species	Exposure
sodium dodecylbenzenesulfonate	Acute EC50 29000 µg/l Fresh water	Algae - Chlorella pyrenoidosa - Exponential growth phase	96 hours
,	Acute EC50 7.81 mg/l Fresh water	Crustaceans - Ceriodaphnia dubia - Neonate	48 hours
	Acute EC50 5.88 ppm Fresh water	Daphnia - Daphnia magna	48 hours
	Acute IC50 112.4 mg/l	Algae - Pseudokirchneriella subcapitata - Exponential growth phase	72 hours
	Acute LC50 1.18 ppm Fresh water	Fish - Lepomis macrochirus	96 hours
sodium chloride	Acute EC50 2430000 µg/l Fresh water	Algae - Navicula seminulum	96 hours
	Acute EC50 28.85 mg/dm3 Fresh water	Algae - Pseudokirchneriella subcapitata	72 hours
	Acute EC50 519.6 mg/l Fresh water	Crustaceans - Cypris subglobosa	48 hours
	Acute EC50 402600 µg/l Fresh water	Daphnia - Daphnia magna	48 hours
	Acute IC50 6.87 g/L Fresh water	Aquatic plants - Lemna minor	96 hours
	Acute LC50 1000000 µg/l Fresh water	Fish - Morone saxatilis - Larvae	96 hours
	Chronic LC10 781 mg/l Fresh water	Crustaceans - Hyalella azteca - Juvenile (Fledgling, Hatchling, Weanling)	3 weeks
	Chronic NOEC 6 g/L Fresh water	Aquatic plants - Lemna minor	96 hours
	Chronic NOEC 0.314 g/L Fresh water	Daphnia - Daphnia pulex	21 days
	Chronic NOEC 100 mg/l Fresh water	Fish - Gambusia holbrooki - Adult	8 weeks
roclosene sodium, dihydrate	Acute EC50 0.28 ppm Fresh water	Daphnia - Daphnia magna	48 hours
-	Acute LC50 0.24 ppm Fresh water	Fish - Oncorhynchus mykiss	96 hours
Eucalyptol	Acute LC50 102000 µg/l Fresh water	Fish - Pimephales promelas	96 hours

Conclusion/Summary

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

Persistence and degradability

Not available.

Bioaccumulative potential

12. Ecological information					
sodium dodecylbenzenesulfonate	1.96	-	low		
Sulfuric acid, mono- C12-18-alkyl esters, sodium salts	-2.1	-	low		
Tetrahydrolinalool Eucalyptol	3.3 2.74	99.87 -	low low		

Mobility in soil

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

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	Not Regulated.	Not applicable.	Not applicable.	-		-
TDG Classification	Not Regulated.	Not applicable.	Not available.	-		-
Mexico Classification	Not Regulated.	Not applicable.	Not available.	-		-
IMDG Class	Not Regulated.	Not applicable.	Not available.	-		-

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14. Transpor	t informat	tion					
ATA-DGR Class	Not Regulated.	Not applicable.	No	t available.	-	-	
Special precautions	upi	ansport within u right and secure. ent of an accident	Ensure tha	it persons trar			
PG* : Packing group							
15. Regulato	rv informa	ation					
U.S. Federal regulat	TS Un Cle	CA 8(a) PAIR: bo CA 8(a) CDR Ex ited States inve ean Water Act (C ean Water Act (C	empt/Parti ntory (TSC WA) 307:	al exemption CA 8b): Not de polychloro cop	i: Not determinet etermined. oper phthalocy	vanine	
Clean Air Act Sect (b) Hazardous Air Pollutants (HAPs)	i on 112 : No	t listed					
Clean Air Act Secti Class I Substances		t listed					
Clean Air Act Secti Class II Substance		t listed					
DEA List I Chemica (Precursor Chemic		t listed					
DEA List II Chemic (Essential Chemica		t listed					
<u>SARA 302/304</u>							
Composition/info		<u>edients</u>					
No products were							
SARA 304 RQ SARA 311/312	: No	t applicable.					
Classification	: Imi	mediate (acute) h	ealth haza	rd			
Composition/info		. ,					
Name		%	Fire hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
sodium dodecylbenzenesulfonate troclosene sodium, dihydrate Tetrahydrolinalool Eucalyptol 2-Methylundecanal		30 - 60 1 - 2.5 1 - 2.5 0.1 - 1 0.1 - 1	Yes. No. Yes. Yes. Yes.	No. No. No. No. No.	No. No. No. No. No.	Yes. Yes. Yes. Yes. Yes.	No. No. No. No. No.

State regulations

15. Regulatory inf	ormation
Massachusetts	: The following components are listed: SODIUM SULFATE (SOLUTION); SODIUM DODECYLBENZENE SULFONATE; SODIUM DICHLORO-S-TRIAZINE TRIONEDIHYDRATE; STARCH DUST
New York	 The following components are listed: Sodium dodecylbenzene sulfonate; Dodecylbenzene sulfonate
New Jersey	 The following components are listed: SODIUM DODECYLBENZENE SULFONATE; BENZENESULFONIC ACID, DODECYL-, SODIUM SALT; TITANIUM DIOXIDE; TITANIUM OXIDE (TiO2)
Pennsylvania	: The following components are listed: SODIUM SULFATE (SOLUTION); BENZENESULFONIC ACID, DODECYL-, SODIUM SALT; 1,3,5-TRIAZINE-2,4,6(1H,3H, 5H)-TRIONE, 1,3-DICHLORO-, SODIUM SALT, DIHYDRATE; STARCH; TITANIUM OXIDE (TIO2)
<u>Canada</u>	
WHMIS (Canada)	 Class D-1B: Material causing immediate and serious toxic effects (Toxic). Class D-2A: Material causing other toxic effects (Very toxic). Class D-2B: Material causing other toxic effects (Toxic).
Canadian lists	
Canadian NPRI	: None of the components are listed.
CEPA Toxic substances	: None of the components are listed.
Canada inventory	: Not determined.
Label elements	
Signal word	: CAUTION
Hazard statements	: CAUSES EYE IRRITATION. CAUSES SKIN IRRITATION.
Precautionary measures	: Keep out of the reach of children. Do not mix with household chemicals. Do not get in eyes or on skin or clothing. Do not breathe fumes.
Additional information	: IF SWALLOWED: Immediately call a POISON CENTER or doctor. Do NOT induce vomiting. If in eyes, rinse with water for 15 minutes. If on skin, rinse well with water.

16. Other information

Hazardous Material 2 Information System (U.S.A.) 2 Health 0 Flammability 0 **Physical hazards**

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

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

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

16. Other information



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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.

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	: 07/09/2018
Date of previous issue	: 05/06/2017
Version	: 4
Prepared by	: Reckitt Benckiser India Ltd Plot No 48 Sector - 32 Institutional Area Gurgaon, Haryana India - 122001

Revision comments : Update as per US GHS.

V 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.



16. Other information

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