



MR. JANITORIAL SUPPLIES
 1125 KERRISDALE BLVD.
 NEWMARKET, ON, L3Y 8W1
 CANADA
 905-836-4250

PRODUCT: REVIVE CARPET SHAMPOO

SECTION 01: IDENTIFICATION

Supplier identifier..... Mr. Janitorial Supplies
 1125 Kerrisdale Blvd.
 Newmarket , ON L3Y 8W1
 CA
 905-836-4250
 Product identifier..... REVIVE CARPET SHAMPOO
 Emergency telephone number..... CANUTEC 24-hour number (613-996-6666)
 Product use..... Carpet shampoo

SECTION 02: HAZARD IDENTIFICATION



Hazard classification..... Reproductive Toxicity — Category 2. Specific Target Organ Toxicity — Repeated Exposure — Category 2 (liver, kidney, blood).
 Signal word..... WARNING.
 Hazard statement..... H361 Suspected of damaging fertility or the unborn child. H373 May cause damage to organs (liver, kidney, blood) through prolonged or repeated exposure.
 Precautionary statements..... P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P260 Do not breathe mist/vapours/spray. P264 Wash thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P280 Wear protective gloves/protective clothing/eye protection/face protection. P307+P311 IF exposed: Call a POISON CENTER or doctor/physician. P405 Store locked up. P501 Dispose of contents/container to an approved waste disposal plant.
 Other hazards..... None.

SECTION 03: COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS #	WT. %
2-Butoxyethanol	111-76-2	5-6
Nonylphenol ethoxylate	127087-87-0	2.5-3

SECTION 04: FIRST-AID MEASURES

Routes of exposure
 Inhalation..... If difficulties occur after vapour/aerosol has been inhaled, remove to fresh air and seek medical attention.
 Ingestion..... Rinse mouth and then drink plenty of water. Do not induce vomiting. Seek medical attention if necessary.
 Skin contact..... Wash off with soap and water. Get medical attention if irritation develops and persists. Take off contaminated clothing and wash before reuse.
 Eye contact..... Do not rub eyes. Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists.
 Most important symptoms and effects, both acute and delayed . The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.
 Medical attention and special treatment..... IF exposed or concerned: Get medical advice/attention. Ensure that medical personnel are aware of the material(s) involved.

SECTION 05: FIRE-FIGHTING MEASURES

Extinguishing media..... Use dry chemical, alcohol foam, carbon dioxide or water spray to extinguish. Do not use water jet as an extinguisher, as this will spread the fire.
 Hazardous combustion products..... Carbon oxides. Evolution of fumes/fog. Harmful vapours. The substances/groups of substances mentioned can be released in case of fire.
 Special protective equipment and precautions for fire-fighters..... Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

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SECTION 05: FIRE-FIGHTING MEASURES

Further information..... During fire, gases hazardous to health may be formed.

SECTION 06: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures Wear protective equipment: goggles, chemically resistant clothing and gloves, and appropriate respirator if in a confined area.
 Environmental precautions..... Prevent spilled material from entering the ground, water and/or air by using appropriate containment methods.
 Methods and materials for containment and cleaning up Ensure adequate ventilation. Cover spill area with suitable absorbent material (e.g., sand, earth, sawdust, vermiculite, Oil-Dri, Kitty Litter, etc.). Sweep up material being careful not to raise dust. Place in an appropriate disposal container and seal tightly. Contaminated absorbent material may pose the same hazards as the spilled product. Dispose of absorbed material in accordance with regulations.

SECTION 07: HANDLING AND STORAGE

Handling precautions..... Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid contact during pregnancy/while nursing. Avoid contact with skin and eyes. Use good industrial hygiene practices in handling this material. Do not eat, drink or smoke when using this product. Keep container closed when not in use.
 Storage needs..... Keep in a dry, cool and well-ventilated place.
 Materials to avoid..... Keep away from strong acids.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	TWA	ACGIH TLV		PEL	OSHA PEL		REL	NIOSH
			STEL			STEL		
2-Butoxyethanol	20 ppm		not available	50 ppm		not available		not available
Nonylphenol ethoxylate	not available		not available	not available		not available		not available
Engineering controls.....	Good general ventilation (typically 10 air changes per hour) should be used. .							
Individual protection measures								
Eye/type.....	Safety glasses with side-shields.							
Clothing/type.....	Wear suitable protective clothing. Normal work clothing (long sleeved shirts and long pants) is recommended.							
Gloves/ type.....	Wear chemical protective gloves made of nitrile or neoprene.							
Respiratory/type.....	Generally not required. Wear respiratory protection if ventilation is inadequate.							
Hygiene measures.....	Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink, smoke or use cosmetics while working with this product. Remove soiled clothing and wash it thoroughly before reuse.							

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Appearance..... liquid.
 Color..... green.
 Odour..... pleasant.
 Odour threshold..... no data available.
 pH..... 7-8.
 Melting point (°C)..... not applicable.
 Freezing point (°C)..... 0.
 Initial boiling point (°C)..... 100.
 Flash point (°C), Method..... >94 CC.
 Evaporation rate..... no data available.
 Upper flammability limit (% vol)..... no data available.
 Lower flammability limit (% vol)..... no data available.
 Vapour pressure (mm Hg)..... 17.5.
 Vapour density (air=1)..... > 1.
 Relative density/Specific Gravity..... 1.0.
 Water solubility..... soluble.
 Solubility in other solvents..... no data available.
 Partition coefficient — n-octanol/water..... no data available.
 Auto ignition temperature (°C)..... > 200 °C.
 Thermal decomposition temperature..... no data available.
 Viscosity..... thin liquid.

PRODUCT: REVIVE CARPET SHAMPOO**SECTION 10: STABILITY AND REACTIVITY**

Reactivity.....	No hazardous reactions if stored and handled as prescribed/indicated.
Chemical stability.....	The product is stable if stored and handled as prescribed/indicated.
Possibility of hazardous reactions.....	No hazardous reactions when stored and handled according to instructions. The product is chemically stable.
Conditions to avoid.....	Keep away from incompatibles such as oxidizing agents .
Incompatible materials.....	Strong oxidizing agents.
Hazardous decomposition products.....	No hazardous decomposition products if stored and handled as prescribed/indicated.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
2-Butoxyethanol	2.2 mg/l (Inhl-rat, 4 h)	530 mg/kg (oral-rat); 450 mg/kg (dermal-rabbit)
Nonylphenol ethoxylate	not available	1310 mg/kg (oral-rat); 2,000 mg/kg (dermal-rabbit)
Routes of exposure		
Inhalation.....	Inhalation of vapours may cause irritation to the nose, throat and respiratory tract.	
Ingestion.....	Ingestion of this product may cause nausea, vomiting and diarrhea.	
Skin contact.....	Contact may cause irritation.	
Eye contact.....	Contact may cause irritation.	
Acute effects		
Acute oral toxicity.....	Acute toxicity estimate > 2,000 mg/kg. Method: calculation method. Virtually nontoxic after a single ingestion.	
Acute dermal toxicity.....	LD50 (Rabbit) : > 2,000 mg/kg. Method: calculation method. Virtually nontoxic after a single skin contact.	
Acute inhalation toxicity.....	Acute toxicity estimate : > 20 mg/l. Virtually nontoxic by inhalation. Method: calculation method.	
Skin corrosion/irritation.....	Result: slight irritation.	
Serious eye damage/eye irritation.....	Result: Mild eye irritation.	
Respiratory or skin sensitisation.....	Non-sensitizing.	
Specific target organ toxicity (STOT) single exposure	Based on the available information there is no specific target organ toxicity to be expected after a single exposure.	
Aspiration hazard.....	No aspiration hazard expected.	
Chronic toxicity/effects		
Specific target organ toxicity (STOT) repeated exposure	Absorption of 2-Butoxyethanol by inhalation and/or repeated skin contact may cause injury to liver, kidney and blood damage.	
Carcinogenicity.....	No carcinogenic substances as defined by IARC, NTP, OSHA and/or ACGIH.	
Reproductive toxicity.....	2-Butoxyethanol is considered fetotoxic; has caused toxic reproductive effects in laboratory animals at maternally toxic doses.	
Germ Cell Mutagenicity.....	2-Butoxyethanol had both positive and negative results in in vitro mutagenicity studies.	
Remarks.....	The product has not been tested. The statement has been derived from the properties of the individual components.	
Symptoms of Exposure.....	The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11. Further important symptoms and effects are so far not known.	

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity.....	May cause long-term adverse effects in the aquatic environment.
Persistence and degradability.....	The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations.
Bioaccumulative potential.....	No data available.
Mobility in soil.....	No data available.
Other adverse effects.....	No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal methods	
Waste disposal of substance.....	Dispose of in accordance with national, state and local regulations.
Container disposal	Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

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SECTION 14: TRANSPORT INFORMATION

TDG classification..... Not regulated as a dangerous good.

SECTION 15: REGULATORY INFORMATION

WHMIS regulatory status..... This product has been classified in accordance with the hazard criteria of the Canadian Hazardous Products Regulations and the Safety Data Sheet contains all the information required by the Hazardous Products Regulations (WHMIS 2015). This product is WHMIS 2015 controlled.

SECTION 16: OTHER INFORMATION

Disclaimer..... The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification.

Prepared by: CanChem Consultant

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