

SAFETY DATA SHEET

Prepared to U.S. OSHA, CMA, ANSI, Canadian WHMIS Standards, Australian WorkSafe, Japanese Industrial Standard JIS Z 7250:2000, and European Union standards



1. PRODUCT IDENTIFICATION

TRADE NAME (AS LABELED): REJUVENATE Bioenzymatic Tile & Grout Cleaner
CHEMICAL NAME/CLASS: Cleaner
MANUFACTURER'S NAME: Mixture
ADDRESS: FOR LIFE PRODUCTS, INC
2301 SW 145 AVENUE
MIRAMAR, FL 33027
BUSINESS PHONE: 954-747-3300
EMERGENCY PHONE: 800-424-9300
DATE ISSUED: May 1, 2015
PREVIOUS REVISION DATE:

2. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW: Product Description: This product is a water based clear liquid with a slight aromatic odor. **Health Hazards:** May be irritating to the eyes and skin upon contact. Vapors/mists may cause respiratory irritation. This product contains an ingredient that exposure for prolonged periods of time may harm unborn fetus. **Flammability Hazards:** This product is not a Flammable Liquid. **Reactivity Hazards:** None known. **Environmental Hazards:** This is not expected to be toxic to aquatic life. **Emergency Considerations:** Emergency responders must wear the proper personal protective equipment (and have appropriate fire-suppression equipment) suitable for the situation to which they are responding.

EU LABELING AND CLASSIFICATION: This product meets the definition of the following hazard class as defined by the European Economic Community Guidelines.

Hazard Classification: [Xi] Irritant [Xn] Harmful

Risk Phrases: R37 / 38 Irritating to respiratory system and skin; R63: Possible risk to the unborn child

Safety Phrases: S36 / 37 / 39 Wear suitable protective clothing, gloves and eye/face protection.

Annex II Hazard Symbol:



HEALTH HAZARDS OR RISKS FROM EXPOSURE:

Acute

Prolonged

Chronic

This substance may be irritating upon contact to the eyes and the skin. exposure to mists and vapors may cause dizziness or nausea.

None known

3. COMPOSITION and INFORMATION ON INGREDIENTS

Volatile Ingredients	CAS #	EINECS #	ICSC #	WT %	HAZARD CLASSIFICATION; RISK PHRASES
Water	7732-18-5	231-791-2	N.E	> 85.0%	HAZARD CLASSIFICATION: NON-HAZARDOUS RISK PHRASES: NONE
2-Butoxyethanol	111-76-2	203-919-7	N/A	< 5.0%	HAZARD CLASSIFICATION: NON-HAZARDOUS
The above components are the volatile composition and / or hazardous components of the product. Full compositional disclosure has been added to Section 16					HAZARD CLASSIFICATION: NOT CLASSIFIED RISK PHRASES: NONE

N.E. = Not Established.

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NOTE: ALL WHMIS required information is included in appropriate sections based on the ANSI Z400.1-2004 format. This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR, EU Directives and the Japanese Industrial Standard JIS Z 7250: 2000.

See Section 2 for full text of Ingredient Risk Phrases and Safety Phrases

4. FIRST-AID MEASURES

Contaminated individuals of chemical exposure must be taken for medical attention if any adverse effect occurs. Rescuers should be taken for medical attention, if necessary. Take copy of label and MSDS to health professional with contaminated individual.

- EYE CONTACT:** If this product contacts the eyes, immediately flush the eyes with large amounts of water. Get medical attention if irritation occurs.
- SKIN CONTACT:** Wash the affected areas with soap and water. Remove contaminated clothing. If irritation occurs seek medical attention.
- INHALATION:** If large amounts of this product are inhaled or if breathing difficulties occur. Move the exposed person to fresh air at once. If breathing continues to be difficult or has stopped, perform artificial respiration. Get medical attention immediately.
- INGESTION:** If this product has been swallowed. Do not induce vomiting. Seek medical attention immediately.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Pre-existing skin problems may be aggravated by prolonged contact.

RECOMMENDATIONS TO PHYSICIANS: Treat symptoms and eliminate overexposure.

5. FIRE-FIGHTING MEASURES

FLASH POINT: > 212°F (100° C)

AUTOIGNITION TEMPERATURE: Not Established

FLAMMABLE LIMITS (in air by volume. %): Not Established

FIRE EXTINGUISHING MATERIALS: Suitable for surrounding area

UNUSUAL FIRE AND EXPLOSION HAZARDS: None Known

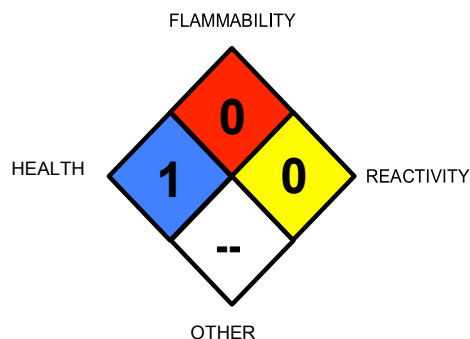
Explosion Sensitivity to Mechanical Impact: Not Sensitive

Explosion Sensitivity to Static Discharge: Not Sensitive

SPECIAL FIRE-FIGHTING PROCEDURES: Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive

areas.

NFPA RATING



Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate
3 = Serious 4 = Severe

6. ACCIDENTAL RELEASE MEASURES

SPILL AND LEAK RESPONSE: Proper protective equipment should be used. Personnel should be trained for spill response operations.

Spills: Absorb spilled material using polypads or other suitable absorbent material. Avoid generating mists or sprays. Place all spill residue in an appropriate container and seal. Dispose of in accordance with applicable Federal, State, and local procedures (see Section 13, Disposal Considerations). Dispose of recovered material and report spill per regulatory requirements.

7. HANDLING and STORAGE

WORK PRACTICES AND HYGIENE PRACTICES: As with all chemicals, avoid getting this product ON YOU or IN YOU. Wash thoroughly after handling this product. Do not eat, drink, smoke, or apply cosmetics while handling this product. Avoid breathing mists or sprays generated by this product. Use in a well-ventilated location. Remove contaminated clothing after use.

STORAGE AND HANDLING PRACTICES: Store product in a cool location but avoid freezing. Protect from physical damage.

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8. EXPOSURE CONTROLS - PERSONAL PROTECTION

VENTILATION AND ENGINEERING CONTROLS: Use with adequate ventilation to ensure exposure levels are maintained below the limits provided below. Use local exhaust ventilation, and process enclosure if necessary, to control airborne dust. Ensure eyewash/safety shower stations are available near areas where this product is used.

EXPOSURE LIMITS/GUIDELINES:

<u>Chemical Name</u>	<u>CAS#</u>	<u>ACGIH-TLV's</u>	<u>OSHA PEL's</u>	<u>NIOSH-TLV's</u>	<u>Other</u>
2-Butoxyethanol	111-76-2	Not Listed	Not Listed	Not Listed	NE

NE = Not Established.

NIC = Notice of Intended Change See Section 16 for Definitions of Terms Used.

Currently, International exposure limits are established for the components of this product. Please check with competent authority in each country for the most recent limits in place.

The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada, or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.

RESPIRATORY PROTECTION: If exposure limits are exceeded, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states. Oxygen levels below 19.5% are considered IDLH by OSHA. In such atmospheres, use of a full-facepiece pressure/demand SCBA or a full facepiece, supplied air respirator with auxiliary self-contained air supply is required under U.S. Federal OSHA's Respiratory Protection Standard (1910.134-1998) or the regulations of various U.S. States, Canada, EU Member States, or those of Japan. Air-purifying respirators with dust/mist/fume filters are recommended if operations may produce mists or sprays from this product.

EYE PROTECTION: Splash goggles or safety glasses with side shields recommended. If necessary, refer to U.S. OSHA 29 CFR 1910.133, Canadian Standards, and the European Standard EN166, Australian Standards, or relevant Japanese Standards.

HAND PROTECTION: Compatible protective gloves recommended. Wash hands after removing gloves. If necessary, refer to U.S. OSHA 29 CFR 1910.138, the European Standard DIN EN 374, the appropriate Standards of Canada, Australian Standards, or relevant Japanese Standards.

BODY PROTECTION: Use body protection appropriate for task. Coveralls, rubber aprons, or chemical protective clothing made from natural rubber are generally acceptable, depending upon the task. If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards. If a hazard of injury to the feet exists due to falling objects, rolling objects, where objects may pierce the soles of the feet or where employee's feet may be exposed to electrical hazards, use foot protection, as described in U.S. OSHA 29 CFR 1910.136.

9. PHYSICAL and CHEMICAL PROPERTIES

DENSITY: Not Established

SPECIFIC GRAVITY @ 20°C: <1 (water=1)

VAPOR PRESSURE, mm Hg @ 20°C (68°F): Not Established

ODOR THRESHOLD: Slight

APPEARANCE, ODOR and COLOR: product is a water based clear liquid with a slight aromatic odor

EVAPORATION RATE (n-BuAc=1): Not Established

SOLUBILITY IN WATER: Soluble

pH: Not Available

10. STABILITY and REACTIVITY

STABILITY: Stable.

DECOMPOSITION PRODUCTS: When burned: CO₂, CO, or Hydrocarbons may be omitted

MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE: Strong oxidizers.

HAZARDOUS DEPOLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Extreme temperatures, incompatible materials.

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11. TOXICOLOGICAL INFORMATION

TOXICITY DATA: The specific toxicology data available for components greater than 1% in concentration are as follows.

COMPOUND [CAS]	ROUTE	SPECIES	EXPOSURE & DOSE

SUSPECTED CANCER AGENT: The components of this product are not listed by agencies tracking the carcinogenic potential of chemical compounds as follows:

Carcinogeny

NTP Regulated	No
IARC Regulated	No
OSHA Regulated	No

IRITANCY OF PRODUCT: Airborne mist of this product can irritate eyes.

SENSITIZATION TO THE PRODUCT: These products are not known to cause human skin or respiratory sensitization.

REPRODUCTIVE TOXICITY INFORMATION: Listed below is information concerning the effects of this product and its components on the human reproductive system.

Mutagenicity: The components of this product are not reported to produce mutagenic effects in humans.

Embryotoxicity: The components of this product are not reported to produce embryotoxic effects in humans.

Teratogenicity: The components of this product are not reported to produce teratogenic effects in humans.

Reproductive Toxicity: The components of this product are reported to produce reproductive effects in animal studies.

12. ECOLOGICAL INFORMATION

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

Ecotoxicity	This material is highly soluble in water. This material should exhibit low toxicity to aquatic organisms.
BOD5 and COD	No data available
Products of Biodegradation	This material should biodegrade after an acclimation period.
Toxicity	This material is highly soluble in water and should not bioaccumulate in aquatic or terrestrial organisms.
Other Ecological Remarks	No data available

13. DISPOSAL CONSIDERATIONS

PREPARING WASTES FOR DISPOSAL: Waste disposal must be in accordance with appropriate U.S. Federal, State, and local regulations, those of Canada, Australia, EU Member States and Japan.

14. TRANSPORTATION INFORMATION

US DOT, IATA, IMO, ADR:

DOT Classification	Non-regulated material
Special Provisions for Transport	None
DOT Labeling Requirements	None
IATA Labeling Requirements	None

U.S. DEPARTMENT OF TRANSPORTATION (DOT) SHIPPING REGULATIONS: This product is not classified as dangerous goods, per U.S. DOT regulations, under 49 CFR 172.101.

TRANSPORT CANADA, TRANSPORTATION OF DANGEROUS GOODS REGULATIONS: This product is not classified as Dangerous Goods, per regulations of Transport Canada.

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INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA): This product is not classified as Dangerous Goods, by rules of IATA:

INTERNATIONAL MARITIME ORGANIZATION (IMO) DESIGNATION: This product is not classified as Dangerous Goods by the International Maritime Organization.

EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR): This product is not classified by the United Nations Economic Commission for Europe to be dangerous goods.

15. REGULATORY INFORMATION

UNITED STATES REGULATIONS:

SARA Reporting Requirements

SARA Title III Section 313
None

SARA Title III Section 312 Hazard Category (40 CFR 311/312)

Acute Health: Yes Release of Pressure: No

Chronic Health: No Reactive: No

Fire: Yes

Marine Pollutant

This product contains no component listed as a Marine Pollutant under 49 CFR 172.101, Appendix B.

U.S. CERCLA REPORTABLE QUANTITY (RQ): Not applicable.

U.S. TSCA INVENTORY STATUS: All of the components of this product are listed in the TSCA Inventory or have applied for listing.

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65): This product does not contain any component above the 0.1% level which is listed as a California Proposition 65 chemical.

CANADIAN REGULATIONS:

CANADIAN DSL/NDL INVENTORY STATUS: All of the components of this product are on the DSL Inventory

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS: No component of this product is on the CEPA First Priorities Substance Lists.

CANADIAN WHMIS CLASSIFICATION and SYMBOLS: Not Classified

EUROPEAN ECONOMIC COMMUNITY INFORMATION:

Hazard Classification: [Xi] Irritant [Xn] Harmful

Risk Phrases: R37 / 38 Irritating to respiratory system and skin; R63: Possible risk to the unborn child

Safety Phrases: S36 / 37 / 39 Wear suitable protective clothing, gloves and eye/face protection.

Annex II Hazard Symbol:



AUSTRALIAN INFORMATION FOR PRODUCT:

AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES (AICS) STATUS: All components of this product are listed on the AICS.

STANDARD FOR THE UNIFORM SCHEDULING OF DRUGS AND POISONS: Not applicable.

JAPANESE INFORMATION FOR PRODUCT:

JAPANESE MINISTER OF INTERNATIONAL TRADE AND INDUSTRY (MITI) STATUS: The components of this product are listed as Class I Specified Chemical Substances, Class II Specified Chemical Substances, or Designated Chemical Substances by the Japanese MITI.

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INTERNATIONAL CHEMICAL INVENTORIES:

Listing of the components on individual country Chemical Inventories is as follows:

Asia-Pac: All components Listed

Australian Inventory of Chemical Substances (AICS): All components Listed

Korean Existing Chemicals List (ECL): All components Listed

Japanese Existing National Inventory of Chemical Substances (ENCS): All components Listed

Philippines Inventory of Chemicals and Chemical Substances (PICCS): All components Listed

Swiss Giftlist List of Toxic Substances: All components Listed

U.S. TSCA: Listed

16. OTHER INFORMATION

CHEMICAL COMPOSITION TOTAL	CAS#		Percent Composition	
Water	7732-18-5		87.8	
2-Butoxyethanol	111-76-2		4.0	
EDTA	64-02-8		4.0	
Viable Bacteria Cultures	Proprietary Blend		4.0	
Dye	Trace Amount		0.1	
Fragrance	Trace Amount		0.1	

DATE OF PRINTING: May 1, 2015

All chemicals may pose unknown hazards and should be used with cautions. This Safety Data Sheet (SDS) applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this SDS. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this SDS is based on technical data judged to be reliable, FOR LIFE Products, Inc. assumes no responsibility for the completeness or accuracy of the information contained herein. Users should consider these data only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers and protection of the environment