

Conforms to Hazard Communication Standard 29 CFR 1910.1200

Section 1 - IDENTIFICATION

Product Identifier: Rejuvenate Disposer & Pipe Cleaner - Lemon

Other Means of Identification:

Product Code HG-R00154; HG-R00377; HG-R00378; HG-R69304; HG-R89304; HG-R99304

Formula Number 21-1746

Recommended Use: Garbage Disposal and Pipe Cleaner

Recommended Restrictions: Use in accordance with label directions

Manufacturer/Importer/Supplier/Distributor Information:

Company Name For Life Products, LLC

Address PO Box142489, St. Louis, MO 63114

Telephone Number 1-877-959-1234

Emergency Telephone Number:

CHEMTREC (800)424-9300

Medical (800)633-2873

Section 2 - HAZARD(S) IDENTIFICATION

Classification of Substance or Mixture:

Physical Hazard(s) Not classified as a Physical Hazard

Health Hazard(s) Skin Irritation - Category 2
Eye Irritation - Category 2A

Label Elements:

Hazard Pictogram(s)



Signal Word

WARNING

Hazard Statements:

Causes skin irritation

Causes serious eye irritation

Precautionary Statements:

Wash hands thoroughly after handling. Wear protective gloves.

If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice. Take off contaminated clothing and wash it before reuse.

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.

Hazard(s) not Otherwise Classified (HNOC): No additional information available

Supplemental Information: None

Section 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Synonyms	CAS Number	%
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Citric acid	n/a	77-92-9	25-50
Sodium carbonate	n/a	497-19-8	10-25
Sodium bicarbonate	n/a	144-55-8	10-25
Sodium olefin sulfonate	n/a	68439-57-6	10-25
Sodium dodecyl Sulphate	n/a	151-21-3	10-25
Amorphous Silica	n/a	7631-86-9	1-5
Sodium perborate	n/a	7632-04-4	1-5

In accordance with paragraph (d) of 1910.1200, the exact percentage (concentration) has been withheld as a trade secret. Other components are below reportable levels.

Section 4 - FIRST-AID MEASURES

Inhalation: Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

Skin Contact: Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.

Eye Contact: Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seeking medical attention.

Ingestion: If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

Most Important Symptoms/Effects, Acute and Delayed: No specific symptom data available. Treat symptomatically. See section 2 for further details. Causes serious eye irritation. Causes skin irritation.

Indication of Immediate Medical Attention & Special Treatment Needed: Treat symptomatically. IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs: Get medical attention. If eye irritation persists: Get medical advice or attention. Take off contaminated clothing and

Section 5 - FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Alcohol resistant foam, CO₂, powder, water spray

Unsuitable Extinguishing Media: Water Jet

Specific Hazards Arising from the Chemical: No hazardous decomposition data available.

Special Protective Equipment and Precautions for Firefighters: As with all fires, wear positive pressure, self-contained breathing apparatus, (SCBA) with a full face piece and protective clothing. Persons without respiratory protection should leave area. Wear SCBA during clean up immediately after fire. No smoking.

Section 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Put on personal protective equipment (see section 8). Wash thoroughly after handling. Use good personal hygiene practices. Wash hands before eating,

Procedures: drinking, smoking or using the toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

Methods and Materials for Containment and Cleaning Up: Ventilate the area and avoid breathing vapors. Take the personal protective measures listed in section 8. Contain and absorb spillage with non-combustible materials e.g. sand, earth, and vermiculite. Place in closed containers outside of buildings and dispose of in accordance to the Waste

Environmental Precautions: Report spills as required by local and national regulations. Prevent entry into storm sewers and waterways.

Section 7 - HANDLING AND STORAGE

Precautions for Safe Handling: Handle containers carefully to prevent damage and spillage. Wear protective gloves, eye protection, and face protection.

Conditions for Safe Storage, Including any Incompatibilities: Keep out of reach of children. Keep container tightly closed. (See section 10).

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters:

Chemical Name	Exposure Limits					
	OSHA PEL		ACGIH TLV		Supplier OEL	
	ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
Amorphous Silica	-	TWA 80	-	TWA 10 total dust; 5 respirable fraction	-	-

Appropriate Engineering Controls: Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits respiratory protection must be worn.

Individual Protective Measures, Such as Personal Protective Equipment:

Eye/face protection: Avoid eye contact. Protective safety glasses recommended.

Skin and body protection: Avoid skin contact. Protective gloves recommended.

Respiratory protection: If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.

General hygiene considerations: Do not eat, drink or smoke where material is handled, processed or stored. Wash hands after handling. Promptly remove soiled clothing and wash thoroughly before reuse.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.): Yellow powder

Odor: Lemon

Odor Threshold:	No data available
	No data available
Melting / Freezing Point:	No data available
Initial boiling point and range:	No data available
Flashpoint:	No data available
Evaporation Rate:	No data available
Flammability (solid, gas):	No data available
Upper/lower flammability or explosive limits:	No data available
Vapor pressure:	No data available
Vapor density:	No data available
Relative density:	No data available
Solubility(ies):	Soluble in water
Partition coefficient (n-octanol/water):	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	No data available

Section 10 - STABILITY AND REACTIVITY

Reactivity:	Hazardous polymerization will not occur.
Chemical stability:	Stable under normal circumstances.
Possibility of hazardous reactions:	No available information.
Conditions to avoid:	Avoid temperatures exceeding flash point. Contact with incompatible materials
Incompatible materials:	None known.
Hazardous decomposition products:	No hazardous decomposition data available.

Section 11 - TOXICOLOGICAL INFORMATION

Information on the likely routes of exposure: Inhalation, Ingestion and/or skin or eye contact

Symptoms related to the physical, chemical and toxicological characteristics:

Inhalation:	May cause respiratory tract irritation.
Ingestion:	May be harmful if swallowed. May cause stomach distress, nausea or vomiting.
Skin contact:	Causes skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
Eye contact:	Causes eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.

Acute Toxicity Values:

Calculated overall Chemical Acute Toxicity Values (ATE)		
LD50 (Oral)	LD50 (Dermal)	LC50 (inhalation)
>2000 mg/kg	>2000 mg/kg	>5mg/l

Eye Contact: Eye Irritant - Category 2
Skin Contact: Skin Irritant - Category 2
Sensitization: Based on available data, the classification criteria are not met.

**Chronic Effects-
Carcinogenicity:**

Ingredient	Chemical Listed as a Carcinogen or Potential Carcinogen (NTP, IARC, OSHA)
None of the ingredients present in this product at or above 0.1% are listed as potential carcinogens on the NTP, IARC or OSHA lists.	

Reproductive Toxicity: Based on available data, the classification criteria are not met.
Germ Cell Mutagenicity: Based on available data, the classification criteria are not met.
STOT-single exposure: Based on available data, the classification criteria are not met.
STOT-repeated exposure: Based on available data, the classification criteria are not met.
Aspiration hazard: Based on available data, the classification criteria are not met.

Comment: All information was generated using the GHS classification criteria for mixtures and test data where available.

Section 12 - ECOLOGICAL INFORMATION

Ecotoxicity: No data available
Persistence and degradability: No data available
Bioaccumulative potential: No data available
Mobility in soil: No data available
Other adverse effects: No data available

Section 13 - DISPOSAL CONSIDERATIONS

Dispose of in accordance with all local, state/provincial and federal regulations. For more information see product label.

Section 14 - TRANSPORTATION INFORMATION

DOT: Not Regulated
IATA: Not Regulated
IMDG: Not Regulated

Section 15 - REGULATORY INFORMATION

EPA TSCA Inventory: All of the components of this product are either on the Toxic Substances Control Act (TSCA) Inventory List or exempt.

Disclaimer: Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the

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Section 16 - OTHER INFORMATION

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