



SAFETY DATA SHEET

Issue Date 01-May-2015

Revision Date 02-February-2018

Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Product Name REJUVENATE FLOOR CLEANER

Other means of identification

Product Code MK-02022018-Revised

Details of the supplier of the safety data sheet

Company Name FOR LIFE PRODUCTS
2301 SW 145th Avenue
Miramar, FL 33027
954-747-3300

Emergency telephone number

Emergency Telephone 1-800-424-9300

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

Product is not regulated or hazardous according to GHS / OSHA 2012 Hazcom Standard

This product has been classified in accordance with the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

| | |
|-------------------------|----------------|
| Acute toxicity - Oral | Not classified |
| Acute toxicity - Dermal | Not classified |

Label elements

Emergency Overview

Appearance Opaque

Physical state Liquid

Odor Slight Aromatic

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention

Hazards not otherwise classified (HNOC)

Other Information

- Harmful to aquatic life with long lasting effects
- Harmful to aquatic life

Unknown Acute Toxicity 0% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No. | Weight-% | Trade Secret |
|-------------------------------|-----------|----------|--------------|
| Water | 7732-18-5 | >90 | |
| Diethylene Glycol Ethyl Ether | 111-90-0 | <0.1 | |
| Ethylene Glycol | 107-21-1 | <0.1 | |

*The exact percentage (concentration) of composition has been listed in Section 16

4. FIRST AID MEASURES

First aid measures

| | |
|---------------------|--|
| Skin Contact | Wash off immediately with plenty of water. Wash skin with soap and water. |
| Eye contact | Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician. |
| Inhalation | Remove to fresh air. |
| Ingestion | Clean mouth with water and drink afterwards plenty of water. |

Most important symptoms and effects, both acute and delayed

| | |
|-----------------|--|
| Symptoms | Any additional important symptoms and effects are described in Section 11: Toxicology Information. |
|-----------------|--|

Indication of any immediate medical attention and special treatment needed

| | |
|---------------------------|------------------------|
| Note to physicians | Treat symptomatically. |
|---------------------------|------------------------|

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media Caution: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

No Information available.

Explosion data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

| | |
|-----------------------------|--|
| Personal precautions | Ensure adequate ventilation, especially in confined areas. |
|-----------------------------|--|

Environmental precautions

| | |
|----------------------------------|---|
| Environmental precautions | See Section 12 for additional ecological information. |
|----------------------------------|---|

Methods and material for containment and cleaning up

| | |
|--------------------------------|---|
| Methods for containment | Prevent further leakage or spillage if safe to do so. |
|--------------------------------|---|

| | |
|--------------------------------|--|
| Methods for cleaning up | Pick up and transfer to properly labeled containers. |
|--------------------------------|--|

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible materials None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines Exposure guidelines noted for ingredient(s).

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|---|-------------|-------------|-------------|
| Diethylene Glycol Ethyl Ether 111-90-0 | Not Listed | Not Listed | Not Listed |
| Ethylene Glycol 107-21-1 | TWA 150 ppm | TWA 150 ppm | TWA 150 ppm |

NIOSH IDLH Immediately Dangerous to Life or Health

Other Information Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Appropriate engineering controls

Engineering Controls Showers, Eyewash stations & Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection No Information available. Avoid contact with eyes.

Skin and body protection No Information available. Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state Liquid
Appearance Translucent

Odor Slight
Odor threshold Slight

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|------------------|----------------|-------------------------|
| pH | 7.0-10.0 | |
| Specific Gravity | 1.019 | |
| Viscosity | <100 cP @ 25°C | |

| | |
|--------------------------------------|------------------------------------|
| Melting point/freezing point | No Information available |
| Flash point | >212 Above 212°F |
| Boiling point / boiling range | >= 100 °C / 212 ° F (at 760 mm Hg) |
| Evaporation rate | No Information available |
| Flammability (solid, gas) | No data available |
| Flammability Limits in Air | |
| Upper flammability limit: | No Information available |
| Lower flammability limit: | No Information available |
| Vapor pressure | No Information available |
| Vapor density | No Information available |
| Water solubility | No Information available |
| Partition coefficient | No Information available |
| Autoignition temperature | No Information available |
| Decomposition temperature | No Information available |

Other Information

| | |
|------------------------|------------------------------------|
| Density Lbs/Gal | 8.50 |
| VOC Content (%) | 0.09 (All 0.09 is CARB Exempt VOC) |

10. STABILITY AND REACTIVITY**Reactivity**

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to avoid

Extremes of temperature and direct sunlight.

Incompatible materials

None known based on information supplied.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure****Product Information**

| | |
|---------------------|--|
| Inhalation | No data available. Avoid breathing vapors or mists. |
| Eye contact | No data available. Avoid contact with eyes. |
| Skin Contact | Avoid contact with skin. May cause skin irritation and/or dermatitis. |
| Ingestion | May be harmful if swallowed. Do not taste or swallow. Not an expected route of exposure. |

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---------------|------------------|----------------------|-----------------|
| 111-90-0 | 9.2 g/kg (Rat) | 20.2 g/kg (Rabbit) | Not Determined |

Information on toxicological effects

Symptoms No Information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

| | |
|---------------------------------|---|
| Sensitization | No Information available. |
| Germ cell mutagenicity | No Information available. |
| Carcinogenicity | No Information available. |
| Reproductive toxicity | No Information available. |
| STOT - single exposure | No Information available. |
| STOT - repeated exposure | No Information available. |
| Target organ effects | Central nervous system, EYES, Respiratory system. |
| Aspiration hazard | No Information available. |

Numerical measures of toxicity - Product Information

Unknown Acute Toxicity 0% of the mixture consists of ingredient(s) of unknown toxicity

The following values are calculated based on chapter 3.1 of the GHS document.

| | |
|--------------------------------------|-----------------|
| ATEmix (oral) | 8,292.00 mg/kg |
| ATEmix (dermal) | 39,524.00 mg/kg |
| ATEmix (inhalation-dust/mist) | 292.33 mg/l |

12. ECOLOGICAL INFORMATION**Ecotoxicity**

This material is highly water soluble. This material should exhibit low toxicity to aquatic organisms.

Persistence and degradability

This material should biodegrade after an acclimation period.

Bioaccumulation

This material is highly water soluble and should not bioaccumulate in aquatic or terrestrial organisms..

Other adverse effects

No Information available

13. DISPOSAL CONSIDERATIONS**Waste treatment methods**

Disposal of wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging Do not reuse container.

14. TRANSPORT INFORMATION

DOT Not regulated

US Department of Transportation (DOT) Regulations: This product is not classified as dangerous goods, per US DOT Regulations, under 49 CFR 172.101

15. REGULATORY INFORMATION**International Inventories**

| | |
|-----------------|----------|
| TSCA | Complies |
| DSL/NDSL | Complies |

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

| Chemical Name | SARA 313 - Threshold Values % |
|--------------------------------------|-------------------------------|
| 2-(2-ethoxyethoxy)ethanol - 111-90-0 | 1.0 |

SARA 311/312 Hazard Categories

| | |
|-----------------------------------|----|
| Acute health hazard | No |
| Chronic Health Hazard | No |
| Fire hazard | No |
| Sudden release of pressure hazard | No |
| Reactive Hazard | No |

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

| Chemical Name | New Jersey | Massachusetts | Pennsylvania |
|---------------------------------------|------------|---------------|--------------|
| 2-(2-ethoxyethoxy)ethanol 111-90-0 | X | - | X |

EPA Pesticide Registration Number Not Applicable

16. OTHER INFORMATION

| | | | | |
|--------------------|------------------|----------------|--------------------|--------------------------------------|
| <u>NFPA</u> | Health hazards 1 | Flammability 0 | Instability 0 | Physical and Chemical Properties Yes |
| <u>HMIS</u> | Health hazards 1 | Flammability 0 | Physical hazards 0 | Personal protection B |

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Revision Date 02-Feb-2018

Revision Note

No Information available

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. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. **End of Safety Data Sheet**