

# Safety Data Sheet

Issue Date: 11-Oct-2004

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Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** Renew

### Other means of identification

**SDS #** DYNI-047

### Recommended use of the chemical and restrictions on use

**Recommended Use** Floor Cleaner.

### Details of the supplier of the safety data sheet

#### **Supplier Address**

SafeWorld  
17304 N Preston Rd.  
Dallas, TX 75252  
Ph: 1-800-545-5444

### Emergency Telephone Number

**Emergency Telephone (24 hr)** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Appearance** Clear liquid

**Physical State** Liquid

**Odor** Odorless

### Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

### Hazards Not Otherwise Classified (HNOC)

Causes mild skin irritation

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Please also refer to subsequent sections of this SDS for additional information regarding the components of this product.

| Chemical Name         | CAS No      | Weight-% |
|-----------------------|-------------|----------|
| Proprietary phosphate | Proprietary | 1-5      |
| Solvent               | Proprietary | 1-5      |

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

## 4. FIRST-AID MEASURES

### First Aid Measures

#### **Eye Contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.

|                     |                                                                                                                                                          |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Skin Contact</b> | Remove contaminated clothing. Wash off immediately with plenty of water. If skin irritation persists, call a physician.                                  |
| <b>Inhalation</b>   | Remove exposed individual(s) to fresh air for 20 minutes. Consult a physician / poison center if individual's condition declines or if symptoms persist. |
| <b>Ingestion</b>    | Do not induce vomiting. Rinse mouth. Immediately call a poison center or doctor/physician.                                                               |

**Most important symptoms and effects**

|                 |                                                                                                                                      |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <b>Symptoms</b> | Direct contact with eyes may cause irritation. Causes mild skin irritation. Prolonged or repeated skin contact may cause irritation. |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------|

**Indication of any immediate medical attention and special treatment needed**

|                           |                        |
|---------------------------|------------------------|
| <b>Notes to Physician</b> | Treat symptomatically. |
|---------------------------|------------------------|

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**Carbon dioxide (CO<sub>2</sub>). Dry chemical. Water.**Unsuitable Extinguishing Media** Not determined.**Specific Hazards Arising from the Chemical**

Product is not flammable.

**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**

|                                  |                                                                                                                                                                  |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Personal Precautions</b>      | Use personal protection recommended in Section 8.                                                                                                                |
| <b>Environmental Precautions</b> | Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13: DISPOSAL CONSIDERATIONS. |

**Methods and material for containment and cleaning up**

|                                |                                                                                                                                                                                          |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Methods for Containment</b> | Prevent further leakage or spillage if safe to do so.                                                                                                                                    |
| <b>Methods for Clean-Up</b>    | Collect and reuse if possible. Contain and collect with an inert absorbent and place into an appropriate container for disposal. Clean up in accordance with all applicable regulations. |

**7. HANDLING AND STORAGE****Precautions for safe handling**

|                                |                                                                                                                                                                                                                                                                                                                                               |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Advice on Safe Handling</b> | Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. Avoid contact with skin, eyes or clothing. Wash face, hands, and any exposed skin thoroughly after handling. Keep containers closed when not in use. Surfaces subject to spills of this product can become slippery. |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep container tightly closed and store in a cool, dry and well-ventilated place. Keep out of the reach of children. Store locked up.

**Incompatible Materials** Strong oxidizing agents. Acids. Alkalis.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

| Chemical Name | ACGIH TLV   | OSHA PEL                                                                                                                         | NIOSH IDLH                                               |
|---------------|-------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| Solvent       | TWA: 20 ppm | TWA: 50 ppm<br>TWA: 240 mg/m <sup>3</sup><br>(vacated) TWA: 25 ppm<br>(vacated) TWA: 120 mg/m <sup>3</sup><br>(vacated) S*<br>S* | IDLH: 700 ppm<br>TWA: 5 ppm<br>TWA: 24 mg/m <sup>3</sup> |

**Appropriate engineering controls**

**Engineering Controls** Ensure adequate ventilation, especially in confined areas. Eyewash stations. Showers.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** Protective eyewear recommended.

**Skin and Body Protection** Chemical resistant gloves recommended.

**Respiratory Protection** No protection is ordinarily required under normal conditions of use and with adequate ventilation.

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

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

|                       |              |                       |                |
|-----------------------|--------------|-----------------------|----------------|
| <b>Physical State</b> | Liquid       | <b>Odor</b>           | Odorless       |
| <b>Appearance</b>     | Clear liquid | <b>Odor Threshold</b> | Not determined |
| <b>Color</b>          | Clear        |                       |                |

| <u>Property</u>              | <u>Values</u>         | <u>Remarks • Method</u> |
|------------------------------|-----------------------|-------------------------|
| pH                           | Not determined        |                         |
| Melting Point/Freezing Point | Not determined        |                         |
| Boiling Point/Boiling Range  | 100 °C / 212 °F       |                         |
| Flash Point                  | Not determined        |                         |
| Evaporation Rate             | Not determined        |                         |
| Flammability (Solid, Gas)    | Liquid-Not applicable |                         |
| Upper Flammability Limits    | Not determined        |                         |
| Lower Flammability Limit     | Not determined        |                         |
| Vapor Pressure               | Not determined        |                         |
| Vapor Density                | Not determined        |                         |
| Specific Gravity             | 1.01                  |                         |
| Water Solubility             | Completely soluble    |                         |
| Solubility in other solvents | Not determined        |                         |
| Partition Coefficient        | Not determined        |                         |
| Auto-ignition Temperature    | Not determined        |                         |
| Decomposition Temperature    | Not determined        |                         |
| Kinematic Viscosity          | Not determined        |                         |

|                             |                |
|-----------------------------|----------------|
| <b>Dynamic Viscosity</b>    | Not determined |
| <b>Explosive Properties</b> | Not determined |
| <b>Oxidizing Properties</b> | Not determined |

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

**Hazardous Polymerization**      Hazardous polymerization does not occur.

### Conditions to Avoid

Keep out of reach of children.

### Incompatible Materials

Strong oxidizing agents. Acids. Alkalis.

### Hazardous Decomposition Products

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

|                     |                                                                                  |
|---------------------|----------------------------------------------------------------------------------|
| <b>Eye Contact</b>  | Direct contact with eyes may cause temporary irritation.                         |
| <b>Skin Contact</b> | Causes mild skin irritation. Prolonged contact may cause redness and irritation. |
| <b>Inhalation</b>   | Avoid breathing vapors or mists.                                                 |
| <b>Ingestion</b>    | May cause discomfort if swallowed.                                               |

### Component Information

| Chemical Name         | Oral LD50           | Dermal LD50             | Inhalation LC50       |
|-----------------------|---------------------|-------------------------|-----------------------|
| Proprietary phosphate | -                   | > 4640 mg/kg ( Rabbit ) | -                     |
| Solvent               | = 470 mg/kg ( Rat ) | = 99 mg/kg ( Rabbit )   | = 450 ppm ( Rat ) 4 h |

### Information on physical, chemical and toxicological effects

**Symptoms**      Please see section 4 of this SDS for symptoms.

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

**Carcinogenicity**      The table below indicates whether each agency has listed any ingredient as a carcinogen. However, the product as a whole has not been tested.

| Chemical Name | ACGIH | IARC    | NTP | OSHA |
|---------------|-------|---------|-----|------|
| Solvent       | A3    | Group 3 |     |      |

**Legend**

ACGIH (American Conference of Governmental Industrial Hygienists)  
 A3 - Animal Carcinogen  
 IARC (International Agency for Research on Cancer)  
 Group 3 IARC components are "not classifiable as human carcinogens"

**Numerical measures of toxicity**

Not determined

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

**Component Information**

| Chemical Name         | Algae/aquatic plants | Fish                                                                                        | Toxicity to microorganisms | Crustacea                                                                       |
|-----------------------|----------------------|---------------------------------------------------------------------------------------------|----------------------------|---------------------------------------------------------------------------------|
| Proprietary phosphate |                      | 100: 96 h Oncorhynchus mykiss mg/L LC50                                                     |                            | 100: 48 h water flea mg/L EC50                                                  |
| Solvent               |                      | 1490: 96 h Lepomis macrochirus mg/L LC50<br>static 2950: 96 h Lepomis macrochirus mg/L LC50 |                            | 1000: 48 h Daphnia magna mg/L EC50<br>1698 - 1940: 24 h Daphnia magna mg/L EC50 |

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

Not determined.

**Mobility**

| Chemical Name | Partition Coefficient |
|---------------|-----------------------|
| Solvent       | 0.81                  |

**Other Adverse Effects**

Not determined

**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**

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

**14. TRANSPORT INFORMATION**

**Note**

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT**

Not regulated

**IATA**

Not regulated

**IMDG**

**Marine Pollutant**

This material may meet the definition of a marine pollutant

**15. REGULATORY INFORMATION**

**International Inventories**

All ingredients of this product are listed or exempt from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory

| Chemical Name         | TSCA    | DSL | NDSL | EINECS  | ELINCS | ENCS    | IECSC | KECL    | PICCS | AICS |
|-----------------------|---------|-----|------|---------|--------|---------|-------|---------|-------|------|
| Proprietary phosphate | Present | X   |      | Present |        | Present | X     | Present | X     | X    |
| Solvent               | Present | X   |      | Present |        | Present | X     | Present | X     | X    |

**Legend:**

- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*
- DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*
- EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*
- ENCS - Japan Existing and New Chemical Substances*
- IECSC - China Inventory of Existing Chemical Substances*
- KECL - Korean Existing and Evaluated Chemical Substances*
- PICCS - Philippines Inventory of Chemicals and Chemical Substances*
- AICS - Australian Inventory of Chemical Substances*

**US Federal Regulations**

**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).

**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 | CAS No | Weight-% | SARA 313 - Threshold Values % |
|---------------|--------|----------|-------------------------------|
| Solvent -     |        | 1-5      | 1.0                           |

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**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 |
|---------------|------------|---------------|--------------|
| Solvent       | X          | X             | X            |

**16. OTHER INFORMATION**

|                    |                            |                          |                              |                                              |
|--------------------|----------------------------|--------------------------|------------------------------|----------------------------------------------|
| <u><b>NFPA</b></u> | <b>Health Hazards</b><br>1 | <b>Flammability</b><br>0 | <b>Instability</b><br>0      | <b>Special Hazards</b><br>Not determined     |
| <u><b>HMIS</b></u> | <b>Health Hazards</b><br>1 | <b>Flammability</b><br>0 | <b>Physical Hazards</b><br>0 | <b>Personal Protection</b><br>Not determined |

**Issue Date:** 11-Oct-2004  
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**Revision Note:** New format

**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**