



**Material Safety Data Sheet  
ReNew Green Concentrate**

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Section I – Identification

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**Company Name** Flexo Concepts  
11 Raffaele Road  
Plymouth, MA 02360 USA  
  
1.508.830.9506  
1.888.782.5233  
www.flexoconcepts.com

**Effective Date** July 21, 2008  
**Revised Date** n/a  
**Chemical Family** Mixture  
**Trade Name** ReNew Green Concentrate  
**Principal Application** Pressroom Cleaner  
**Chemical Formula** DS2010

**HMIS Rating:**  
Health: 1                      Flammability: 0                      Reactivity: 0                      Protective Equipment: B

**For Chemical Emergency Call:** 1.800.424.9300 (Domestic, North America)  
1.703.527.3887 (Collect calls accepted)

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Section II – Hazard Identification

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Hazardous Components	CAS	WT %	TLV
Sodium Silicates	1344-09-8	<5	25 ppm
Linear Alcohol Ethoxylate	157707-43-2	<5	Not Established
Linear Alcohol Ethoxylate	61791-13-7	<5	Not Established
Linear Alcohol Ethoxylate	97043-91-9	<5	Not Established
Ethylenediaminetetraacetic Acid	6381-92-6	<5	Not Established
Anthraquinone Dye	4474-24-2	<1	Not Established

*Hazardous Description: Not Regulated by D.O.T*

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Section III – Physical Data

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**Solubility In Water** Complete  
**Appearance/Odor** Green liquid with little odor  
**Specific Gravity (H2O=1)** 1.02  
**pH (1% wt/wt)** 12.95  
    pH (Diluted 12:1 water/cleaner) 11.99  
    pH (Diluted 20:1 water/cleaner) 11.82  
**VOC Content** 0 g/L

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Section IV – Fire and Explosion Hazard Data

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**Flash Point** >200° F TCC  
**Extinguish Media** Use non-flammable or non-explosive extinguishing media  
**Unusual Fire or Explosion** None known  
**Special Fire Fighting Procedures** In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

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Section V – Health Hazard Data

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**Exposure Effects:**

**Eyes** May cause redness, tearing, swelling and pain. Prolonged exposure to eyes should be avoided.  
**Skin** May cause irritation. Prolonged exposure may cause redness, or pain and should be avoided.  
**Ingestion** May irritate gastrointestinal tract. Ingestion of large amounts may cause nausea, vomiting and diarrhea.  
**Inhalation** May irritate nose, throat and lungs  
**Pre-Existing Condition** Vapor or mists may aggravate pre-existing lung conditions.



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**ReNew Green**

**First Aid Procedures:**

<b>Eyes</b>	Flush with plenty of water for at least fifteen minutes, holding eyelids apart to ensure flushing of entire surface. If irritation persists seek medical attention.
<b>Skin</b>	Wash thoroughly with soap and water, remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if irritation persists.
<b>Ingestion</b>	Do not induce vomiting. Never give anything by mouth to an unconscious person. Dilute by drinking two large glasses of water. Call a physician immediately.
<b>Inhalation</b>	If overcome by exposure, remove victim to fresh air immediately. Give oxygen or artificial respiration as needed. Call a physician immediately.

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Section VI – Exposure Control & Personal Protection

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<b>Environmental Controls</b>	Local exhaust or general room ventilation is required. If handling results in mist/aerosol and/or high exposure, special ventilation may be required to avoid exceeding exposure standard and/or to prevent a dangerous working environment.
<b>Personal Protection Eyes</b>	Polycarbonate safety glasses.
<b>Personal Protection Skin</b>	Polycarbonate safety glasses and chemical resistant nitrile gloves.
<b>Personal Respiratory Protection</b>	None required under normal use.
<b>Extra Personal Protection</b>	As needed to prevent contact.

**Additional Remarks:** Selection of appropriate safety equipment, including personal protective equipment and other required safety gear, should be based on an evaluation of the task. The precautions listed in this document are for normal use.

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Section VII – Spill or Leak Procedures

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**Accidental Release Measures**

Ventilate area of leak or spill. Wear appropriate personal protective equipment as required. Isolate release area. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Collect liquid in an appropriate container or absorb with an inert material (e. g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as saw dust. Small spills may be flushed to the sanitary sewer with approval from local authorities.

**Disposal Considerations**

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

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Section VIII – Materials & Conditions to Avoid

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<b>Materials &amp; Conditions to Avoid</b>	No unusual conditions.
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Section IX – Regulatory Information

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<b>TSCA Inventory Information</b>	All ingredients are listed in the TSCA inventory.
<b>SARA 313 Information</b>	To the best of our knowledge, this product contains no chemical subject to SARA Title III Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and 40 CFR372.
<b>Carcinogenicity</b>	Not listed by IARC, NTP, OR OSHA.
<b>California Proposition 65</b>	This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins which would be subject to the proposition.

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Disclaimer

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The information presented herein is believed to be factual as it has been derived from the works and opinions of persons believed to be qualified experts; however, nothing contained in this information is to be taken as a warranty or representation for which Flexo Concepts bears legal responsibility. The user should review any recommendations in the specific context of the intended use to determine whether they are appropriate.