



**Material Safety Data Sheet**  
**ReNew Orange**

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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** May 29, 2008  
**Revised Date** n/a  
**Chemical Family** Mixture  
**Trade Name** ReNew Orange  
**Principal Application** Pressroom Cleaner  
**Chemical Formula** Proprietary

**HMIS Rating:**  
Health: 1 Flammability: 0 Reactivity: 0

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

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Section II – Ingredients

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<b>Hazardous Components</b>	<b>%</b>	<b>TLV</b>	<b>CAS NO.</b>
Citrus Terpenes	0.5-1.5%	non-established	94266-47-4

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Section III – Physical Data

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**Boiling Point** >200°F  
**Freezing Point** N/A  
**Activity** 28.5 +/- 2.0%  
**Melting Point** N/A  
**Vapor Pressure (mm Hg)** N/A  
**Vapor Density (Air=1)** N/A  
**Solubility In Water** Dispersible  
**Appearance/Odor** Orange liquid with citrus odor  
**Specific Gravity (H2O=1)** 1.143 +/- 0.025  
**Evaporation Rate** n/a  
**pH (10% soln)** 7.0 +/- 1.0  
**VOC Content** <15.0 g/liter

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Section IV – Fire and Explosion Hazard Data

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**Flash Point** >212° F TCC  
**Lower Explosion Limit In Air** N/A  
**Upper Explosion Limit In Air** N/A  
**Auto Ignition Temperature** N/A  
**Extinguish Media** Water, CO2, Foam, dry chemical  
**Unusual Fire or Explosion** None known  
**Special Fire Fighting Procedures** Cool exposed containers with water spray. Self contained breathing apparatus in confined areas.

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Section V – Health Hazard Data

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**Over Exposure Effects:** See Below.

**Routes of Exposure:**

**Eyes** Causes irritation  
**Skin** May cause irritation especially with prolonged contact.  
**Ingestion** May cause gastrointestinal irritation, nausea, vomiting, and diarrhea.  
**Inhalation** Overexposure to mist or vapor may cause irritation of respiratory tract.



## Material Safety Data Sheet ReNew Orange

### 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 wash clothing before reuse. Get medical attention if irritation persists.
<b>Ingestion</b>	Give conscious person several glasses of water, then induce vomiting, get medical attention. Never give anything by mouth to unconscious.
<b>Inhalation</b>	Remove to fresh air.
<b>Human Health</b>	Has a very low order of toxicity and should not present a health hazard.
<b>Hygiene Practices</b>	Wash hands before eating or using rest rooms. Remove and wash contaminated clothing before reusing.

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### Section VI – Reactivity Data

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<b>Stability</b>	Stable
<b>Conditions To Avoid</b>	Avoid Freezing.
<b>Incompatibility</b>	Strong Oxidizing Agents.
<b>Hazardous Decomposition Products</b>	Carbon dioxide, carbon monoxide, and oxides of nitrogen.
<b>Hazardous Polymerization</b>	Will not occur

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### Section VII – Spill or Leak Procedures

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<b>Action to Take for Spills/Leaks</b>	Clean up spills with absorbent materials and place in waste container for disposal. Rinse with large amounts of water.
<b>Disposal Methods</b>	Dispose in accordance with applicable Federal, State, and Local Regulations.

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### Section VIII – Handling and Storage

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<b>Exposure Guideline(s)</b>	See Below
<b>Ventilation</b>	Local exhaust
<b>Protective Gloves</b>	Rubber or plastic gloves
<b>Eye Protection</b>	Safety glasses or splash goggles
<b>Skin Protection</b>	Standard work clothing
<b>Respiratory Protection</b>	NIOSH/MSHA approved respirator if necessary.
<b>Other Protection</b>	N/A

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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 supplier notification requirements.
<b>SARA Hazard Category</b>	This product has been reviewed according to the EPA "Hazardous Categories" promulgated under Sections 311 and 312 of the SARA Title III and is considered under applicable definitions to meet the following categories:  * Not Meant To Be All In-Inclusive

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### Section X – Additional Information

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<b>Hazard Class</b>	Non-Hazardous
<b>Dot Shipping Name</b>	None-regulated
<b>Reportable QTY. (RQ)</b>	N/A
<b>UN / NA Number</b>	N/A

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.