

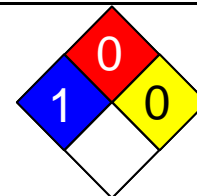
# MATERIAL SAFETY DATA SHEET



## Section I – Product Identification

Product Name: **Green Concepts 43 Deep Scrub Floor Cleaner**  
Product Code Number: 5086.0  
Product Use: Floor Cleaner  
WHMIS Class: Class D – Division 2B  
DOT Classification: Not regulated as dangerous good.  
TDG Classification: Not regulated as dangerous good.  
Manufacturer/Supplier: **ECO CONCEPTS, INC**  
80 S.W. 8<sup>th</sup> Street  
Miami, FL 33130  
Phone: (888) 326-6278  
Fax: (786) 425-2552  
Email: Sales@ecoconceptsusa.com  
**Emergency Phone: (800) 535-5053**

LEGEND		Health	/	1
HMIS/NFPA		Flammability		0
Severe	4	Physical Hazard		0
Serious	3	Personal Protection		B
Moderate	2			
Slight	1			
Minimal	0			



## Section II – Hazardous Ingredients

<u>Ingredient(s)</u>	<u>CAS#</u>	<u>Wt%</u>	<u>OSHA PELS</u>	<u>ACGIH-TLV</u>	<u>LC50</u>	<u>Oral LD50</u>
Alcohols, C12-15, ethoxylated	68131-39-5	<20	Not established	Not established	Not available	1600 mg/kg rat
Alcohols, C9-11, ethoxylated	68439-46-3	1-5	Not established	Not established	Not available	1200 mg/kg rat
Citric acid	77-92-9	5-10	10 mg/m3 –TWA	10 mg/m3 –TWA	Not available	3 g/kg rat

## Section III – Physical Data

<b>Boiling Point:</b>	100°C	<b>Specific Gravity:</b>	1.01-1.03
<b>Freezing Point:</b>	0°C	<b>Coefficient of Water/Oil</b>	
<b>Vapor Pressure:</b>	Same as water	<b>Distribution:</b>	Not available
<b>Vapor Density:</b>	Same as water	<b>% Volatile:</b>	75-85%
<b>Solubility in Water:</b>	Complete	<b>Evaporation Rate:</b>	Not available
<b>Physical State:</b>	Liquid	<b>pH:</b>	2.1-2.5 (100%)
<b>Appearance:</b>	Clear liquid	<b>Viscosity:</b>	Same as water
<b>Odor:</b>	Characteristic	<b>Odor Threshold:</b>	Low odor
<b>pH (Use Solution)</b>	2.1-3.0	<b>Added Fragrance:</b>	None

## Section IV – Fire and Explosion Data

<b>Flammability:</b>	Not flammable by WHMIS/OSHA criteria
<b>Flash Point (Tag Closed Cup):</b>	None <b>LEL:</b> Not available <b>UEL:</b> Not available
<b>Hazardous Combustion Products:</b>	May include and are not limited to: Oxides of Carbon. Oxides of sulphur.
<b>Auto ignition Temperature:</b>	Not available
<b>Explosion Data:</b>	
<b>Sensitivity to Mechanical Impact:</b>	Not available
<b>Sensitivity to Static Discharge:</b>	Not available
<b>Means of Extinction:</b>	Treat for surrounding material.
<b>Special Fire Hazards:</b>	Firefighters should wear a self-contained breathing apparatus.

## Section V – Reactivity Data

<b>Conditions for Chemical Instability:</b>	Stable under recommended storage conditions.
<b>Incompatible Materials:</b>	Acids. Oxidizers.
<b>Reactivity, and under what conditions:</b>	Do not mix with other chemicals.
<b>Hazardous Decomposition products:</b>	May include and are not limited to: Oxides of carbon. Oxides of sulphur.

## Section VI – Toxicological Properties

<b>Route of Entry:</b>	Eye, Skin contact, Inhalation, Ingestion.
<b>Effects of Acute Exposure:</b>	
<b>Eye:</b>	Causes irritation.
<b>Skin:</b>	May cause irritation.
<b>Inhalation:</b>	May cause respiratory tract irritation.
<b>Ingestion:</b>	May cause stomach distress, nausea or vomiting.
<b>Effects of Chronic Exposure:</b>	
<b>Skin:</b>	Prolonged or repeated exposure can cause drying, defatting and dermatitis.
<b>Irritancy:</b>	Hazardous by WHMIS/OSHA criteria.
<b>Respiratory Tract Sensitization:</b>	Non-hazardous by WHMIS/OSHA criteria.
<b>Carcinogenicity:</b>	Non-hazardous by WHMIS/OSHA criteria.
<b>Teratogenicity:</b>	Non-hazardous by WHMIS/OSHA criteria.
<b>Mutagenicity:</b>	Non-hazardous by WHMIS/OSHA criteria.
<b>Reproductive Effects:</b>	Non-hazardous by WHMIS/OSHA criteria.
<b>Synergistic Materials:</b>	Not available

## Section VII – Preventative Measures

<b>Gloves:</b>	Rubber gloves. Confirm with a reputable supplier first.
<b>Eye Protection:</b>	Safety glasses
<b>Respiratory Protection:</b>	Not normally required if good ventilation is maintained.
<b>Other Protective Equipment:</b>	As required by employer code.
<b>Engineering Controls:</b>	General ventilation normally adequate
<b>Leak and Spill Procedure:</b>	Before attempting clean up, refer to hazard data give above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labeled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.
<b>Waste Disposal:</b>	Review federal, state/provincial, and local government requirements prior to disposal.
<b>Handling Requirements:</b>	Use good industrial hygiene practices in handling this material when using do not eat or drink. Wash hands before breaks and immediately after handling the product.
<b>Storage Requirements:</b>	Keep out of reach of children. Store in a closed container away from incompatible materials, keep in a dry, cool place. Avoid storage under direct sunlight.

## Section VIII – First Aid

<b>Eye:</b>	Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.
<b>Skin:</b>	Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.
<b>Inhalation:</b>	If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.
<b>Ingestion:</b>	Do not induce vomiting. Rinse mouth with water, and then drink one or two glasses of water. Obtain medical attention. Never give anything by mouth if victim is unconscious, or is convulsing.

## Section IX – Preparation Information

<b>Effective Date:</b>	18-Jan-2010
<b>Expiry Date:</b>	18-Jan-2013
<b>Issue Date:</b>	18-Jan-2010
<b>Prepared By:</b>	Eco Concepts, Attn Technical Director (888) 326-6278

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