

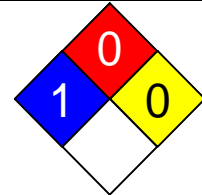
# MATERIAL SAFETY DATA SHEET

## Green Concepts 13 Cleaner & Degreaser

### Section 1 - Product and company identification

Trade Name: B-ECOCLEAN 13 Cleaner & Degreaser  
 Product Code Number: WF5077  
 Product Use: Cleaner/degreaser, to be diluted before use.  
 Manufacturer/Supplier: **B-ECOCLEAN, INC**  
 1037 NW 3d Street  
 Hallandale Beach,  
 FL 33009  
 Phone: (954)479-1127  
 Email: armand@agisolar.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 2 - Hazards identification

Physical state: Liquid.  
**EMERGENCY OVERVIEW** CAUTION. CAUSES EYE IRRITATION. MAY BE MILDLY IRRITATING TO SKIN.  
**Route of Entry:** Eye, Skin contact, Inhalation, Ingestion.  
**Effects of Acute Exposure:**  
**Eye:** Moderately irritating to eyes.  
**Skin:** May cause irritation.  
**Inhalation:** May cause respiratory tract irritation.  
**Ingestion:** May cause stomach distress, nausea or vomiting.

### Section 3 - Ingredients Information

Ingredient(s)	CAS#	Wt%
Alcohols, C12-15, ethoxylated	68131-39-5	5-15
Alcohols, C9-11, ethoxylated	68439-46-3	1-5
Citric acid	77-92-9	1-5

### Section 4 - First-aid measures

**Eye:** Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.  
**Skin:** Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.  
**Inhalation:** If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.  
**Ingestion:** 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.

Aggravated Medical Conditions: None known

### Section 5 - Fire and explosion hazard

**Extinguishing Media** Product is not flammable. Use agent suitable for surrounding fire.  
**Special Fire Fighting Procedures** N/A  
**Unusual Fire & Explosion Hazard** None known.

### Section 6- Accidental release measures

**Personal Precautions** Ventilate area of leak or spill. Do not touch damaged containers unless wearing appropriate protective equipment.  
**Environmental Precautions** Do not allow contact with soil or entry into storm drains or watercourses.  
**Methods for Cleaning up** Abide by Federal, State, and local regulations.

### Section 7- Handling and storage

Store containers tightly closed and in an upright position.  
 Do not destroy or deface the label.

### Section 8- Personal Protection

**Eyes** Safety glasses with side shields.  
**Hands** For prolonged and repeated handling, wear impervious gloves.  
**Skin** None needed under normal conditions.  
**Respiratory** Avoid breathing vapor, spray or mist.



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### **Section 9- Physical Properties**

Physical State	Liquid
Color	Green
Odor	Characteristic
Solubility in water	Complete
Specific Gravity	1.01
pH	2.5
pH (use solution)	3.5
Boiling Point	100°C
Freezing Point	0°C
Vapor Pressure	N/A
Added Fragrance	None
Flash Point	None
VOC	0%
Elemental Phosphorus	0.00%

### **Section 10- Stability and reactivity**

Stability	The product is stable
Conditions of Instability	None known
Incompatible substances	None known
Hazardous decomposition products	When exposed to fire, produces normal products of combustion.

### **Section 11- Toxicological information**

#### **Effects of Acute Exposure:**

<b>Eye:</b>	May cause 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.

#### **Effects of Chronic Exposure:**

<b>Skin:</b>	Prolonged or repeated exposure can cause drying, defatting and dermatitis.
<b>Irritancy:</b>	Hazardous by WHMIS/OSHA criteria.
<b>Respiratory</b>	
<b>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</b>	
<b>Effects:</b>	Non-hazardous by WHMIS/OSHA criteria.
<b>Synergistic</b>	
<b>Materials:</b>	None known

### **Section 12- Ecological information**

This product is readily biodegradable into water and oxides of carbon.

### **Section 13- Disposal**

The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material, runoff and contact with soil, waterways and storm sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Abide by Federal, state and local regulations.

### **Section 14- Transportation**

This product is not regulated.

### **Section 15- Regulatory information**

**US Regulations-** This product is not subject to the reporting requirements under California's Proposition 65.

Registered Product Information: Not applicable.

**Canadian Regulations-** WHMIS Classification CLASS D-2B

Registered Product Information: Not applicable.

### **Section 16- Other information**

**Issue Date:** November 30, 2011

**Prepared By:** Eco Concepts, Attn Technical Director (888) 326-6278

Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that the users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.