

## Material Safety Data Sheet Envirogreen CR

### Section 1. Chemical Product and Company Identification

<b>Product Name</b>	Envirogreen CR	
<b>Product Number</b>	NTAL EGGCR	
<b>Manufacturer/ Supplier</b>	NuTech Specialties, Inc. 9811 So. 6150 W. West Jordan, UT 84088	
<b>Phone Number</b>	(801) 253-1000 (Mon-Fri/ 8am- 5pm MT)	
<b>D.O.T. Emergency Phone:</b>	<b>1-800-633-8253</b>	
<b>Date of Preparation</b>	October 19, 2012	<b>Revision Number</b> 1.0

### Section 2. Hazards Identification

**Emergency overview**                      **This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.**

**DANGER!**

Keep out of reach of children.  
Keep container closed during storage. Ensure that eyewash stations and safety showers are proximal to the work-station location. S24/25- Avoid contact with skin and eyes.

**Potential Acute Health Effects**                      Eye contact can result in corneal damage or blindness. Corrosive to skin and eyes on contact. Inhalation of the spray mist may produce severe irritation of respiratory tract, characterized by coughing, choking, or shortness of breath.

**Routes of Entry**                      Skin contact. Ingestion. Eye Contact.

**Eyes**                                      Eye irritation

**Skin**                                      De-fatting of the skin

**Inhalation**                              No adverse effects form inhalation

**Ingestion**                              Gastrointestinal irritation

**Medical conditions aggravated by exposure:**                      Prolonged exposure may result in skin burns and ulcerations. Severe over-exposure can produce lung damage, choking, unconsciousness or death.

**Potential Chronic Health**                      Prolonged exposure may result in skin burns and ulcerations. Severe over-exposure can produce lung damage, choking, unconsciousness or death.

**Carcinogenic Effects**                      N/A

**Target Organs**                              Blood (hemolytic) secondary effects, kidney & liver

**Environmental Effects**                      Not available

### Section 3. Composition and Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits	LC <sub>50</sub> /LD <sub>50</sub>
Solvents-Glycol N-Butyl Ether	111-76-2	<15%		50/20
Tri Sodium Phosphate	1310-73-2	<10		15/10

### Section 4. First Aid Measures

<b>Eye Contact</b>	Flush with water for 15 minutes
<b>Skin Contact</b>	Flush with water for 15 minutes
<b>Inhalation</b>	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
<b>Ingestion</b>	If swallowed Seek medical attention. DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.
<b>General Advice</b>	In case of Accident or if you feel unwell, seek medical advice immediately (show label or MSDS where possible).
<b>Notes to Physician</b>	Symptoms may not appear immediately.

### Section 5. Fire Fighting Measures

<b>Flammability</b>	Non flammable
<b>Fire Fighting Media and instructions</b>	N/A
<b>Products of Combustion</b>	Not available
<b>Special Remarks on Fire Hazards</b>	N/A
<b>Special Remarks on Explosion Hazards</b>	N/A
<b>Sensitivity to Mechanical Impact</b>	N/A
<b>Sensitivity to Static Discharge</b>	N/A
<b>Protection of Fire Fighters</b>	See special remarks on Fire Hazards

### Section 6. Accidental Release Measures

<b>Personal Precautions</b>	Face shield. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.
<b>Methods for Containment</b>	Contain spill and dilute with water. Absorb with an inert material and put the spilled material in an appropriate waste disposal.
<b>Environmental Precautions</b>	See Methods for Containment

**Methods for Clean Up** Wash all surfaces with water.

### Section 7. Handling and Storage

**Precautions** Avoid contact with skin and eyes. After handling, always wash hands thoroughly with soap and water. Keep product from freezing.

**Incompatibility** Strong acids

**Storage** Corrosive materials should be stored in a separate safety storage cabinet or room. Keep out of reach of children. For Institutional and Commercial Use

Keep out of reach of children.  
Keep container closed during storage. Ensure that eyewash stations and safety showers are proximal to the work station location. S24/25- Avoid contact with skin and eyes.

### Section 8. Exposure Controls/Personal Protection

#### Engineering Controls

**Personal Protection** Good general ventilation should be sufficient to control airborne levels.

**Eyes** Splash goggles

**Body** Additional body garments should be used based upon the task being performed (e.g., sleevelets, apron, gauntlets, disposable suits) to avoid exposed skin surfaces.

**Respiratory** Wear appropriate respirator when ventilation is inadequate.

**Hands** Rubber gloves

#### Protective Clothing (Pictograms)



#### Exposure Limits

Consult local authorities for acceptable exposure limits.

### Section 9. Physical and Chemical Properties

**Physical State and Appearance** Green Liquid

**Molecular Weight** N/A

**Ph** 9-10

**Boiling/Condensation Point** N/A

**Melting/Freezing Point** N/A

**Critical Temperature** N/A

<b>Instability Temperature</b>	N/A
<b>Specific Gravity</b>	(H20 = 1): 1.07
<b>Vapor Pressure</b>	(Non-Aerosols)(mm Hg and Temperature): N/A
<b>Vapor Density</b>	(Air = 1)
<b>Volatility</b>	N/A
<b>VOC</b>	N/A
<b>Evaporation Rate</b>	(H20 = 1): 0.85
<b>Dispersion Properties</b>	N/A
<b>Solubility</b>	Complete in water
<b>The Product is:</b>	Alkaline Liquid
<b>Auto-ignition Temperature</b>	N/A
<b>Flash Points</b>	N/A
<b>Flammable Limits</b>	N/A
<b>Fire Hazards in Presence Of Various Substances</b>	N/A
<b>Explosion Hazards in Presence of Various Substances</b>	N/A
<b>Odor</b>	Lemon
<b>Color</b>	Green

#### Section 10. Stability and Reactivity Data

<b>Stability</b>	The product is stable
<b>Incompatibility with Various Substance</b>	Product will be neutralized if contacted with water
<b>Hazardous Decomposition Products</b>	Not available

#### Section 11. Toxicological Information

<b>Routes of Entry</b>	Skin Contact. Ingestion. Eye Contact
<b>Toxicity to Animals</b>	
<b>Acute Effects on Humans</b>	
<b>Eyes</b>	Eye irritation
<b>Skin</b>	De-fatting of the skin
<b>Inhalation</b>	No adverse effects form inhalation
<b>Ingestion</b>	Gastrointestinal irritation

**Chronic Effects on Humans** Blood (hemolytic) secondary effects, kidney & liver

**Special Remarks on Toxicity to Animals** No additional remark

**Special Remarks on Chronic Effects on Humans** No additional remark

### Section 12. Ecological Information

**Ecotoxicity** Toxic in concentrated form, practically non toxic diluted or neutralized form due to high PH

**BOD5 and COD** Not available

**Products of Biodegradation** Toxic in concentrated form, practically non toxic diluted or neutralized form due to high PH

**Toxicity of the Products of Biodegradation** Product id practically non toxic

**Special Remarks on the Products of Biodegradation** Not available

### Section 13. Disposal Considerations

**Waste Information** Waste must be disposed of in accordance with federal, state and local environmental control regulations.

**Waste Stream** Dilute with large volumes of water and flush to sewer

### Section 14. Transport Information

**DOT (U.S.A.) (Pictograms)**

**TDG Classification**

**PIN UN, Proper Shipping Name, PG** Non hazardous

**Maritime Transportation** Not a "marine pollutant"

**Special Provisions for Transport** Not available

### Section 15. Regulatory Information and Pictograms

**Regulatory Lists** No products were found.

**Other Regulations** OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

**Other Classifications** **HCS (U.S.A.)** HCS Class: Corrosive Liquid. HCS Class: Toxic.

**USA Regulatory Lists** This product does NOT contain components that are known to the state of California to Cause Cancer or Reproductive Harm at or above California Prop 65 No Observable Effect Level (NOEL)  
SARA 302 Extremely Hazardous Substances - Not listed

SARA 311 - 1. Immediate (acute) health hazard  
2. Delayed (chronic) health hazard  
SARA 313 Toxic Chemical List – Listed

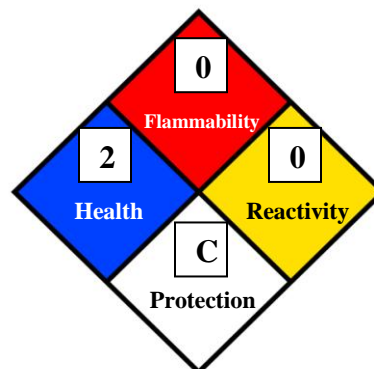
**DSD (EEC)** R22- Harmful if swallowed.  
R35- Causes severe burns.

**International Regulations Lists** No Products were found.

**Hazardous Material Information System (U.S.A.)**

<b>HEALTH</b>	2
<b>FIRE</b>	0
<b>REACTIVITY</b>	0

**National Fire Protection Association (U.S.A.)**



**WHMIS (Classification)** WHMIS CLASS E: Corrosive Liquid. WHMIS CLASS D-1: Material causing immediate and serious toxic effects.

The Hazard Ranking systems presented on this MSDS sheet provide only a quick reference for hazard information. The ENTIRE MSDS must be consulted to determine any specific hazards, First Aid measures, and PPE associated with this product.

**Section 16. Other Information**

**Expiry Date** 3 (Three Years) from the date of preparation indicated in Section 1.

**Validated by** \_\_\_\_\_ **Verified by** \_\_\_\_\_

**Printed**

**Information Contact**

Notice to Reader:

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

**Validated on** \_\_\_\_\_ **NuTech Specialties, Inc.**