



## MATERIAL SAFETY DATA SHEET

HMIS/NFPA

Personal protective equipment 1

Instability 0

Fire Hazard 0

Health Health 1

Version Number: 1

Reactivity 0

Flammability 0

Preparation date: 2010-03-15

### 1. PRODUCT AND COMPANY IDENTIFICATION

MSDS #: MS0700057

Product Code: 5242965, 5242973, 5344742

Recommended use: Cleaner/Degreaser. This product is intended to be diluted prior to use.

Emergency telephone number:

(Int'l) 1-800-851-7145

(U.S.); 1-651-917-6133

Manufacturer:

US Headquarters

Green Umbrella

174 Main St. #177

East Aurora, NY 14052

Telephone: 844-200-7336

Email: [info@GreenUmbrellaSystems.com](mailto:info@GreenUmbrellaSystems.com)

### 2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CAUTION. MAY CAUSE ALLERGIC RESPIRATORY REACTION. CAUSES EYE IRRITATION. MAY CAUSE SKIN IRRITATION.

Principle routes of exposure: Eye contact. Skin contact.

Inhalation.

**Eye contact:** Moderately irritating to the eyes.

**Skin contact:** May be mildly irritating to skin.

**Inhalation:** Contains enzymes which may produce respiratory allergy if inhaled in spray or dust.

**Ingestion:** May cause irritation to mouth, throat and stomach.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient(s) Propylene glycol

CAS # 57-55-6

Weight %: 0.1 - 1.5%

LD50 Oral - Rat (mg/kg): 10400

LD50 Dermal - Rabbit: 20800 mg/kg

LC50 Inhalation -Rat: Not available

### 4. FIRST AID MEASURES

**Eye contact:** Flush immediately with plenty of water. If irritation persists, get medical attention.

**Skin contact:** Flush immediately with plenty of water. If irritation persists, get medical attention.

**Inhalation:** No specific first aid measures are required. If breathing is affected, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

**Ingestion:** If swallowed, give a cupful of water or milk. Aggravated Medical Conditions: Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects

### 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:** Extinguish fire using agent suitable for surrounding fire.

**Specific hazards:** Enzyme - dust and aerosols may cause allergic respiratory reaction.

**Unusual hazards:** None known.

**Specific methods:** No special methods required.

**Special protective equipment for firefighters:** Wear self contained breathing apparatus for fire fighting if necessary.

**Extinguishing media which must not be used for safety reasons:** The product is not flammable.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Ensure adequate ventilation. In case of an incident in a confined area wear suitable respiratory protection. Mop or use low-pressure water spray which will not create aerosols.

**Environmental precautions and clean-up methods:**

Remove immediately by using vacuum with filter or mopping or washing. Sweeping, blowing, splashing, or high-pressure flushing should be avoided as this creates dust or aerosols. Remove and wash contaminated clothing.

### 7. HANDLING AND STORAGE

**Handling:** Avoid contact with skin, eyes and clothing. Do not breathe dust or mist. Use only with adequate ventilation. Remove and wash contaminated clothing and footwear before re-use. See section 8 for appropriate personal protective equipment.

**FOR COMMERCIAL AND INDUSTRIAL USE ONLY.**

**Storage:** Protect from freezing. Keep tightly closed in a dry, cool and well-ventilated place. KEEP OUT OF REACH OF CHILDREN.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering measures to reduce exposure:**

No special ventilation requirements General room ventilation is adequate.

**Personal Protective Equipment**

**Eye protection:** No special requirements under normal use conditions.

**Hand protection:** Chemical-resistant gloves

**Skin and body protection:** If major exposure is possible, wear suitable protective clothing and footwear.

**Respiratory protection:** A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical State: Liquid  
 Color: Clear Medium Pink Odor: Spicy  
 Density: No information available.  
 Flash point: > 200 °F > 93.4 °C  
 Dilution pH: No information available.  
**Explosion limits: - upper: Not determined - lower: Not determined**

\* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

**10. STABILITY AND REACTIVITY**

**Stability:** The product is stable  
**Polymerization:** Hazardous polymerization does not occur.  
**Hazardous decomposition products:** None reasonably foreseeable.

**12. ECOLOGICAL INFORMATION**

Environmental Information: No data available.

**13. DISPOSAL CONSIDERATIONS**

Waste from residues / unused products:  
 Dispose of according to all federal, state and local applicable regulations.

**14. TRANSPORT INFORMATION**

DOT/TDG: Please refer to the Bill of Lading/receiving documents for up to date shipping information .

**15. REGULATORY INFORMATION**

**International Inventories**  
 All components of this product are listed on the following inventories: Canada (DSL/NDL), U.S.A. (TSCA).

**U.S. Regulations**

California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65.

**RIGHT TO KNOW (RTK)**

Ingredient(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
Propylene glycol		-	-	X	X
Water		-	-	-	-
Fragrance		-	-	-	-

**11. TOXICOLOGICAL INFORMATION**

Green Clean & Degreaser  
 Decomposition temperature: Not determined Autoignition temperature: No information available  
 Specific gravity: 1.01  
 Solubility: Completely Soluble  
 Appearance: Liquid  
 Solubility in other solvents: No information available  
 Vapor density: No information available  
 Viscosity: No information available Partition coefficient (n-octanol/water): No information available  
 Elemental Phosphorus: 0 % by wt.  
 Boiling point/range: 212°F  
 VOC: 0 % \*  
 Evaporation Rate: No information available  
 pH: 6.8  
 Melting point/range: Not determined  
 Bulk density: No information available  
 Acute toxicity: LD50 estimated to be > 2000 mg/kg  
 Component Information: See Section 3.  
 Chronic toxicity: None known

**Specific Effects**

Carcinogenic effects: None known  
 Mutagenic effects: None known  
 Reproductive toxicity: None known  
 Target organ effects: None known

CERCLA/ SARA

SARA 311/312 Hazard Categories

**Canada**

WHMIS hazard class: D2A Very toxic materials  
 Ingredient(s) Propylene glycol  
 CAS # 57-55-6  
 NPRI- X

**16. OTHER INFORMATION**

Reason for revision: Not applicable  
 Prepared by: NAPRAC  
 Additional advice: None.  
 Green Clean and Degreaser.

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