

SECTION I.



DEGREASING BUSINESS

TILE AND GROUT

MANUFACTURER/DISTRIBUTOR: GREEN POWER, 800-932-9371, P.O. Box 507 - Stanhope, NJ 07874

EMERGENCY TELEPHONE NUMBER: (973)-770-5600 – UPDATED: 2/21/13

CHEMICAL NAME AND SYNONYMS: DETERGENT BLEND

TRADE NAME AND SYNONYMS: **TILE AND GROUT**

CHEMICAL FAMILY: BUILT DETERGENT

FORMULA: N/A BLENDED PRODUCT **FRIENDLY TO THE ENVIRONMENT**

SECTION II. HAZARDOUS INGREDIENTS THE LIST BELOW ARE IRRITANTS / NON TOXIC

| ACCHTLV | LIMITS                                 | OPTIONAL            | Hazardous Components | OSHAPEL                            |
|---------|--|---------------------|----------------------|------------------------------------|
| *       | Phosphoric Acid CAS# 7664-38-2         | 1 mg/m <sup>3</sup> | 1 mg/m <sup>3</sup>  | 3 mg/m <sup>3</sup> (STEL) 10 - 20 |
| **      | Nonylphenol Elhoxv laic CAS# 9016-45-9 | NA                  | NA                   | <1                                 |

\* Phosphoric acid is subject to SARA section 311, 312 and 313. It is classified as an Immediate Health hazard. It may contain traces of listed chemicals from California Proposition 65; arsenic, cadmium, lead.

\*\* Nonylphenol Ethoxylate is listed with SARA Section 311 as Glycol Ethers. It is also subject to state Right To Know Regulations in Pennsylvania.

DOT Shipping Classification - Corrosive Material

Health Rating ..... 3 Flammability ..... 0

Reactivity..... 0

SECTION III. PHYSICAL DATA

|  |                             |
|--|-----------------------------|
| Boiling Point:..... > 212 deg. F               | Specific Gravity.(H2O=1) >1 |
| Vapor Pressure(mm Hg).... NA                   | Melting Point.....: NA      |
| Vapor Density (air=1).... >1                   | Evaporation Rate.....: NA   |
| Solubility in water..... Complete              | (Butyl Acetate= 1)          |
| Appearance and Odor: Clear liquid, fruity odor |                             |

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (Method Used). None Flammable Limits: LEL: UEL:

Extinguishing Media: Sec unusual lire and explosion hazards

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: Although this product does not meet the parameters for flammability, it may react with metals to liberate hydrogen, a flammable gas. In this case, water spray may be effective in absorbing gas.

Stability: Stable |XI Conditions to Avoid:

Incompatibility (materials to avoid): Avoid materials such as sulfides and sulfites, strong bases. Hazardous Decomposition or Byproducts: None

Hazardous Polymerization: Will not occur Conditions to Avoid: None

## SECTION VI. REACTIVITY DATA

Route(s) of entry Inhalation? Yes Skin? Yes Ingestion? Yes  
Health Hazards (Acute and Chronic): Irritation to upper respiratory tract, eyes and skin; burns skin and eyes; dermatitis. At 1 ppm, the Federal Standard, phosphoric acid mist is irritating to unacclimated workers but easily tolerated by acclimated workers.

Carcinogenicity: NTP? NO (ARC Monographs)<sup>9</sup> NO OSHA Regulated? NO

Medical Conditions Generally Aggravated by Exposure: Points of attack are respiratory system, lungs, eyes and skin.

Emergency and First Aid Procedures: Skin and eyes-flush with water and see physician. Ingestion -get immediate medical attention. Inhalation-remove to fresh air and perform artificial respiration. If necessary, see physician.

## SECTION VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled: Flush with water and soda ash. Pick up with absorbent.

Waste Disposal Method:

Precautions For Storing and Handling: Keep from freezing. Do not contaminate with unknown Chemicals.

Other Precautions: None

## SECTION VII. SPILL OR LEAK PROCEDURE

| HAZARD RATINGS: | <u>HMIS</u> | <u>NFPA</u> |
|-----------------|-------------|-------------|
| HEALTH          | 1           | 1           |
| FLAMMABILITY    | 0           | 0           |
| REACTIVITY      | 0           | 0           |

INDEX: 0 = MINIMAL 1 = SLIGHT 2 = MODERATE 3 = SERIOUS 4 = SEVERE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Normal precautions, keep away from high heat.

Contain spill, vac, up or use sorbent. May be picked up mechanically or with a solid sorbent. Incinerate or landfill waste in a properly permitted facility complying with federal, state, and local regulations.

## SECTION VIII. SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type): When exposure limit is exceeded, use NIOSH approved equipment with full face piece.

Ventilation Local Exhaust: Preferred

Mechanical:

Special:

Other:

Protective Gloves: Impervious

Eye Protection: Chemical safety goggles Eye wash should be accessible. Other Protective Clothing or

Equipment: Impervious clothing

Work Hygienic Practices: Launder contaminated clothing before reuse. Wash thoroughly after handling.