

IDENTITY: # 190

Manufacturer Name: Green Power Chemical

Emergency Telephone Number

(973) 770-5600

SECTION n - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

| Hazardous Components | OSHA PEL | ACCHTLV | OTHER LIMITS | PERCENT OPTIONAL |
|--|---------------------|---------------------|----------------------------|------------------|
| *Phosphoric Acid CAS# 7664-38-2 | 1 mg/m ³ | 1 mg/m ³ | 3 mg/m ³ (STEL) | 10 - 20 |
| ** Nonylphenol Ethoxylate 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 111 - PHYSICAL / CHEMICAL CHARACTERISTICS

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 HAZARD

Flash Point (Method Used). None Flammable Limits:

LEL: UEL:

Extinguishing Media: Sec unusual fire 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.

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SECTION V

Stability: Stable IXI 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 - Health Hazard 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)⁹ 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 absorbant.

Waste Disposal Method: According to federal, state and local authorities only.

Precautions For Storing and Handling: Keep from free/ing. Do not contaminate with unknown chemicals.

Other Precautions: None

SECTION VI-d - Control Measures

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

Ventilation Local Exhaust: Preferred

Special:

Mechanical:

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.