

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Green Ripper Powdered Concrete Cleaner
Description: Neutral pH Powder
Product Code: 50 ntp grpcc
Suggested Use: Floor Cleaner
Restrictions on Use: N/A

Supplier: NuTech Specialties, Inc.
9811 South 6150 West
West Jordan , UT 84081
Telephone: 801-253-1000 (M-F) 8:00-5:00
Fax: 801-280-0307
Emergency Phone: 800-633-8253

2. HAZARDS IDENTIFICATION

Classification:

GHS Classification: Acute Toxicity 4
Skin Corrosion 4
Eye Damage 1

GHS Label Elements

Pictogram:



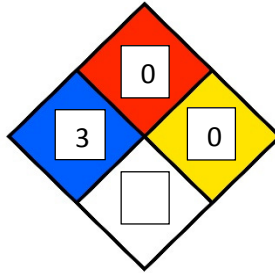
Signal Word: Danger
Hazard Statements: H302 Harmful if Swallowed
H318 Causes Serious Eye Damage
H315 Causes Skin Irritation
Precautionary Statements: P301 ,P331 If SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303, P353 IF ON SKIN OR ON HAIR): Remove/Take off immediately all contaminated clothing. Rinse SKIN with water/shower
P338 Remove contact lenses, if present and easy to do. Continue rinsing

HMIS Classification:

Health	3
Fire	0
Reactivity	0
Personal Protection	C

Product: Green Ripper Powdered Concrete Cleaner

NFPA Rating:



Potential Health Effects: N/A

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS#</u>	<u>Concentration</u>
Sodium Metasilicate	7732-18-5	<30%
Citric Acid	77-92-9	<30%

Synonyms:

4. FIRST AID MEASURES

If Inhaled:	P340 Remove victim to fresh air and keep at rest in a position comfortable for breathing (pg. 14)
Skin Contact:	P302, P352 IF ON SKIN (or hair) Wash with plenty of soap and water.
Eye Contact:	P338 Remove contact lenses, if present and easy to do. Continue rinsing P351, P305 IF IN EYES: Wash cautiously with water for several minutes (Pg. 15)
If Ingested:	P330 Rinse Mouth P331 Do NOT induce vomiting

5. FIREFIGHTING MEASURES

Extinguishing Media:	Use water-spray, alcohol resistant foam, dry chemical, or carbon dioxide
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Hazardous Combustion Products: Firefighting personnel should respond with appropriate protective clothing, firefighting gear, and breathing equipment as trained.

Special Protective Equipment for Firefighters: In fire conditions: a complex mixture of airborne solids, liquids, and gases including Carbon Monoxide, Carbon Dioxide, and unidentified organic compounds.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment. Always ensure adequate ventilation.

Environmental Precautions: Prevent further leakage or spillage if safe to do so. Prevent from entering drains and waterways. Discharge into environment must be avoided.

Containment and Clean Up: Soak up with inert absorbent material and dispose of. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Safe Handling: Keep away from flames and hot surfaces. Use personal protective equipment. Always ensure adequate ventilation.

Safe Storage: Keep containers tightly closed in a dry well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store away from incompatible materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits

Component	CAS Number	Exposure Limit	Basis
Sodium Metasilicate	7732-18-5	N/A	
Citric Acid	77-92-9	N/A	

General Controls: Always ensure adequate ventilation and that working areas contain safety showers and eye wash stations. Handle material in accordance with good industrial hygiene and safety practices.

Personal Protective Equipment

Eye Protection: Tightly fitting safety glasses or goggles should be sufficient. Have eye-wash stations available where eye contact can occur.

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Hand Protection:	Handle with chemical resistant gloves. Gloves must be inspected prior to use. Wash and dry hands after use.
Skin Protection:	Wear long sleeves, a chemical apron, or other protective clothing to prevent skin contact. Safety showers should be located in work area where skin contact can occur.
Respiratory Protection:	Where risk assessment shows air-purifying respirators are appropriate, use a NIOSH-approved full face respirator with appropriate cartridges. Always ensure adequate ventilation.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Powder
Color:	Green
Odor:	Pine
Odor Threshold:	N/A
pH:	6
Melting/Freezing Point:	N/A
Boiling Point:	N/A
Flash Point:	N/A
Evaporation Rate:	N/A
Flammability (Solid, Gas):	N/A
Flammability/Explosion Limits:	N/A
Vapor Pressure @ 20°C:	N/A
Vapor Density:	N/A
Specific Gravity:	N/A
Density:	N/A
Solubility in Water:	Complete
Partition Coefficient:	N/A
Auto Ignition Temperature:	N/A
Decomposition Temperature:	N/A
Viscosity @ 40°C:	N/A

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal conditions
Conditions and Materials to Avoid:	None
Hazardous Decomposition Products:	Carbon monoxide

11. TOXICOLOGICAL INFORMATION

Product: Green Ripper Powdered Concrete Cleaner

Acute Toxicity

Component	CAS Number	Test	Toxicity
Sodium Metasilicate	7732-18-5	Oral LD50	1500/600 mg/kg
Citric Acid	77-92-9	Oral LD50	11.700/885 mg/kg

Potential Health Effects

Inhalation:	Respiratory irritation
Skin:	Corrosive to Skin
Eyes:	Corrosive to eyes
Ingestion:	Gastrointestinal irritation
Signs and Symptoms of Exposure:	Irritation and burning
Chronic Effects of Long Term Exposure:	N.A
Carcinogenicity:	None

12. ECOLOGICAL INFORMATION

Acute Ecotoxicity

Component	CAS Number	Organism	Ecotoxicity
Sodium Metasilicate	7732-18-5		
Citric Acid	77-92-9		

Ecological Effects

Persistence and Degradability:	Biodegradable
Bioaccumulation Potential:	None
Mobility in Soil:	Soluble
Other Adverse Effects:	None

13. DISPOSAL CONSIDERATIONS

Disposal:	Material should be disposed in accordance with all local, state, and federal regulations. Regulations vary by region.
Contaminated Packaging:	Dispose of as unused product.

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14. TRANSPORT INFORMATION

DOT Information

Proper Shipping Name: Not Regulated
UN Number:
Hazard Class:
Packing Group:
Reportable Quantity (RQ):
Marine Pollutant:
Note:

15. REGULATORY INFORMATION

US Federal

SARA 302 Components: None
SARA 311/312 Hazards: Immediate health hazard
SARA 313 Components: None
TSCA Inventory:

European Union

EC Inventory: All components listed or exempted

State Regulations

Utah Clean Air: No
California Prop 65: No
C.A.R.B. No

16. OTHER INFORMATION

SDS Version: 1.0
Revision Date: 08/12/2015
Supersedes: New to GHS
Product: Green Ripper Powdered Concrete Cleaner

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 the 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.

NuTech Specialites, Inc.

Validated on: 08/26/2015