

# SAFETY DATA SHEET

## SECTION 1) CHEMICAL PRODUCT AND SUPPLIER'S IDENTIFICATION

**Product ID :** 213115  
**Product Name :** Safety Green  
**Revision Date :** Nov 18, 2016 **Supersedes Date :** Jun 10, 2016  
**Version:** 1.0  
**Manufacturer's Name :** Zenex International  
**Address :** 1 Zenex Circle Cleveland, OH, US, 44146  
**Emergency Phone :** 1-800-535-5053  
**Information Phone :** (440)-232-4155  
**Fax :**  
**Product/Recommended Uses:** General Purpose Cleaner/Degreaser

## SECTION 2) HAZARDS IDENTIFICATION

### Classification:

Acute aquatic toxicity - Category 3

### Pictograms:

No pictograms available.

### Signal Word:

No signal word available.

### Hazardous Statements - Environmental:

H402 - Harmful to aquatic life

### Precautionary Statements - General:

P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P103 - Read label before use.

### Precautionary Statements - Prevention:

P273 - Avoid release to the environment.

### Precautionary Statements - Response:

No precautionary statement available.

### Precautionary Statements - Storage:

No precautionary statement available.

### Precautionary Statements - Disposal:

P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.

## SECTION 3) COMPOSITION / INFORMATION ON INGREDIENTS

CAS	Chemical Name	% by Weight
0007732-18-5	WATER	62% - 82%
0127087-87-0	NONYL PHENOL ETHOXYLATE	4% - 9%

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**SECTION 4) FIRST-AID MEASURES**

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**Inhalation:**

Remove source of exposure or move person to fresh air and keep comfortable for breathing.

If exposed/feel unwell/concerned: Get medical attention.

**Eye Contact:**

If irritation occurs, cautiously rinse eyes with lukewarm, gently flowing water for 5 minutes, while holding the eyelids open. If eye irritation persists: Get medical advice/attention.

**Skin Contact:**

Rinse/wash with lukewarm, gently flowing water and mild soap for at least 15 minutes or until product is removed. If skin irritation occurs or you feel unwell: Get medical advice/attention.

**Ingestion:**

Rinse mouth. Give two glasses of water. If you feel unwell or if concerned : Get medical advice/attention. Do NOT induce vomiting unless under the advice/direction of doctor/POISON CENTER. Note: Never give anything by mouth to an unconscious or convulsing victim. Keep person warm and quiet.

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**SECTION 5) FIRE-FIGHTING MEASURES**

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**Suitable Extinguishing Media:**

Will not burn. Use extinguishing media suitable for surrounding fire.

**Unsuitable Extinguishing Media:**

None.

**Fire-Fighting Procedures:**

Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely. Water spray may be useful in minimizing or dispersing vapors and to protect personnel.

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

**Special Protective Actions:**

Wear protective pressure self-contained breathing apparatus (SCBA) and full turnout gear.

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**SECTION 6) ACCIDENTAL RELEASE MEASURES**

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**Emergency Procedure:**

ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).

Do not touch or walk through spilled material.

Isolate hazard area and keep unnecessary people away. Remove all possible sources of ignition in the surrounding area. Notify authorities if any exposure to the general public or the environment occurs or is likely to occur.

Pick up with mop or wet vac. Rinse spill area with water.

**Recommended Equipment:**

Safety glasses and gloves.

**Personal Precautions:**

Avoid contact with skin, eye or clothing. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.

**Environmental Precautions:**

Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers.

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**SECTION 7) HANDLING AND STORAGE**

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**General:**

Wash hands after use.  
Do not get in eyes, on skin or on clothing.  
Do not breathe vapors or mists.  
Use good personal hygiene practices.  
Eating, drinking and smoking in work areas is prohibited.  
Remove contaminated clothing and protective equipment before entering eating areas.

#### Ventilation Requirements:

Use only with adequate ventilation to control air contaminants to their exposure limits. The use of local ventilation is recommended to control emissions near the source.

#### Storage Room Requirements:

Keep container(s) tightly closed and properly labeled. Store in cool, dry, well-ventilated areas away from heat, direct sunlight and incompatibilities. Store in approved containers and protect against physical damage. Keep containers securely sealed when not in use. Containers that have been opened must be carefully resealed to prevent leakage. Empty container retain residue and may be dangerous.

Store at temperatures between 40°F and 100°F.

FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY. FOR USE BY TRAINED PERSONNEL ONLY. KEEP FROM FREEZING.

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## SECTION 8) EXPOSURE CONTROLS, PERSONAL PROTECTION

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#### Eye Protection:

Wear eye protection with side shields or goggles.

#### Skin Protection:

Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves.

#### Respiratory Protection:

None required.

#### Appropriate Engineering Controls:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

Chemical Name	OSHA TWA (ppm)	OSHA TWA (mg/m3)	OSHA STEL (ppm)	OSHA STEL (mg/m3)	OSHA- Tables- Z1,2,3	OSHA Carcinogen	OSHA Skin designation	NIOSH TWA (ppm)	NIOSH TWA (mg/m3)	NIOSH STEL (ppm)	NIOSH STEL (mg/m3)	NIOSH Carcinogen
DIPROPYLENE GLYCOL MONOMETHYL ETHER	100	600			1		1	100	600	150	900	

Chemical Name	ACGIH TWA (ppm)	ACGIH TWA (mg/m3)	ACGIH STEL (ppm)	ACGIH STEL (mg/m3)
DIPROPYLENE GLYCOL MONOMETHYL ETHER	100	606	150	909

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## SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES

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#### Physical and Chemical Properties

Density	8.84000 lb/gal
Density VOC	0.08840 lb/gal
% VOC	4.00000%
VOC Actual	0.08840 lb/gal

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Appearance	Green liquid
Odor Threshold	N.A.
Odor Description	Orange
pH	8.25
Water Solubility	Complete
Flammability	N/A
Flash Point Symbol	N.A.
Flash Point	N.A.
Viscosity	N.A.
Lower Explosion Level	N.A.
Upper Explosion Level	N.A.
Vapor Pressure	N.A.
Melting Point	N.A.
Vapor Density	N.A.
Freezing Point	N.A.
Low Boiling Point	N.A.
High Boiling Point	N.A.
Decomposition Pt	N.A.
Auto Ignition Temp	N.A.
Evaporation Rate	N.A.
VOC Composite Partial Pressure	N.A.

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## SECTION 10) STABILITY AND REACTIVITY

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**Stability:**

Stable.

**Conditions to Avoid:**

None.

**Incompatible Materials:**

None known.

**Hazardous Reactions/Polymerization:**

Will not occur.

**Hazardous Decomposition Products:**

None known.

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## SECTION 11) TOXICOLOGICAL INFORMATION

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**Skin Corrosion/Irritation:**

No data available

**Serious Eye Damage/Irritation:**

Concentrate is an eye irritant and may cause irritation, redness, or tearing.

**Carcinogenicity:**

No data available

**Germ Cell Mutagenicity:**

No data available

**Reproductive Toxicity:**

No data available

**Respiratory/Skin Sensitization:**

No data available

**Specific Target Organ Toxicity - Single Exposure:**

No data available

**Specific Target Organ Toxicity - Repeated Exposure:**

No data available

**Aspiration Hazard:**

No data available

**Acute Toxicity:**

No data available

0034590-94-8                      DIPROPYLENE GLYCOL MONOMETHYL ETHER

LD50 (oral, rat): 5.22 g/kg (reported as 5.50 mL/kg) (male rat); 5.18 g/kg (reported as 5.45 mL/kg) (female rat).(3)

LD50 (oral, dog): 7.13 g/kg (reported as 7.5 mL/kg).(3) NOTE: In the study with rats, death was due to narcosis (central nervous sys

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## SECTION 12) ECOLOGICAL INFORMATION

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**Toxicity:**

Harmful to aquatic life

**Persistence and Degradability:**

No data available.

**Bio-Accumulative Potential:**

No data available.

**Mobility in Soil:**

No data available.

**Other Adverse Effects:**

No data available.

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## SECTION 13) DISPOSAL CONSIDERATIONS

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**Water Disposal:**

Under RCRA, it is the responsibility of the user of the product, to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state, and local laws.

Empty containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse.

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## SECTION 14) TRANSPORT INFORMATION

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**U.S. DOT Information:**

Not regulated.

**IMDG Information:**

Not regulated.

**IATA Information:**

Not regulated.

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## SECTION 15) REGULATORY INFORMATION

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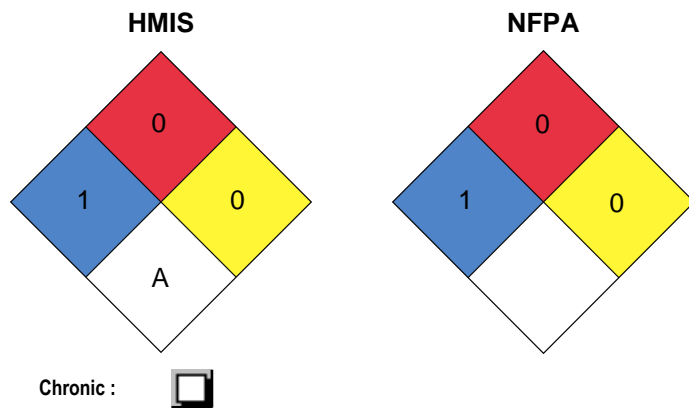
CAS	Chemical Name	% By Weight	Regulation List
0007320-34-5	TETRAPOTASSIUM PYROPHOSPHATE	2% - 4%	SARA312,TSCA

0007732-18-5	WATER	62% - 82%	TSCA
0034590-94-8	DIPROPYLENE GLYCOL MONOMETHYL ETHER	2% - 5%	SARA312,VOC,TSCA,ACGIH,OSHA
0127087-87-0	NONYL PHENOL ETHOXYLATE	4% - 9%	SARA312,TSCA

## SECTION 16) OTHER INFORMATION

### Glossary:

ACGIH- American Conference of Governmental Industrial Hygienists; ANSI- American National Standards Institute; Canadian TDG- Canadian Transportation of Dangerous Goods; CAS- Chemical Abstract Service; Chemtrec- Chemical Transportation Emergency Center (US); CHIP- Chemical Hazard Information and Packaging; DSL- Domestic Substances List; EC- Equivalent Concentration; EH40 (UK)- HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA- Emergency Planning and Community Right-To-Know Act; ESL- Effects screening levels; HMIS- Hazardous Material Information Service; LC- Lethal Concentration; LD- Lethal Dose; NFPA- National Fire Protection Association; OEL- Occupational Exposure Limits; OSHA- Occupational Safety and Health Administration, US Department of Labor; PEL- Permissible Exposure Limit; SARA (Title III)- Superfund Amendments and Reauthorization Act; SARA 313- Superfund Amendments and Reauthorization Act, Section 313; SCBA- Self-Contained Breathing Apparatus; STEL- Short Term Exposure Limit; TCEQ - Texas Commission on Environmental Quality; TLV- Threshold Limit Value; TSCA- Toxic Substances Control Act Public Law 94-469; TWA - Time Weighted Value; US DOT- US Department of Transportation; WHMIS- Workplace Hazardous Materials Information System.



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