

# SAFETY DATA SHEET

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

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**Product ID:** 231673  
**Product Name:** Emerald Plus  
**Revision Date:** Jun 15, 2018 **Supersedes Date:** Nov 27, 2017  
**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:** Hand Soap

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## SECTION 2) HAZARDS IDENTIFICATION

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**Classification:**

Not classified

**Pictograms:**

No pictograms available.

**Signal Word:**

No signal word available.

**Hazardous Statements - Physical:**

Not classified

**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:**

No precautionary statement available.

**Precautionary Statements - Response:**

No precautionary statement available.

**Precautionary Statements - Storage:**

No precautionary statement available.

**Precautionary Statements - Disposal:**

No precautionary statement available.

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## SECTION 3) COMPOSITION / INFORMATION ON INGREDIENTS

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CAS	Chemical Name	% By Weight
0007732-18-5	WATER	30% - 50%
1332-09-8	Pumice	10% - 20%
0008001-79-4	CASTOR OIL	5% - 15%
0067784-80-9	Methyl Soyate	5% - 15%

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0008042-47-5	Mineral oil	5% - 15%
0068439-46-3	Ethoxylated alcohols (C9 - C11)	0% - 5%
0068585-34-2	(C10-C16) ALCOHOL ETHOXYLATE, SULFATED, SODIUM SALT	0% - 5%

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## SECTION 4) FIRST-AID MEASURES

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### Inhalation:

No ill effects expected.

### 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:

No ill effects expected. If skin irritation occurs stop using. Get medical advice/attention if condition warrants.

### 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 material suitable for surrounding fire.

### Unsuitable Extinguishing Media:

None.

### Fire-Fighting Procedures:

N.A.

### Special Protective Actions:

N.A.

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## SECTION 6) ACCIDENTAL RELEASE MEASURES

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### Emergency Procedure:

Do not walk through spilled material.  
Isolate hazard area and keep unnecessary people away.  
Pick up with mop or wet vac. Rinse spill area with water.

### Recommended Equipment:

N.A.

### Personal Precautions:

N.A.

### Environmental Precautions:

Stop spill/release if it can be done safely.

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## SECTION 7) HANDLING AND STORAGE

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**General:**

Do not get in eyes.  
 Use good personal hygiene practices.  
 Eating, drinking and smoking in work areas is prohibited.

**Ventilation Requirements:**

N.A.

**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.

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

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

**SECTION 8) EXPOSURE CONTROLS, PERSONAL PROTECTION****Eye Protection:**

N.A.

**Skin Protection:**

N.A.

**Respiratory Protection:**

N.A.

**Appropriate Engineering Controls:**

N.A.

Chemical Name	OSHA TWA (ppm)	OSHA TWA (mg/m3)	OSHA STEL (ppm)	OSHA STEL (mg/m3)	OSHA Tables (Z1, Z2, Z3)	OSHA Carcinogen	OSHA Skin designation	NIOSH TWA (ppm)	NIOSH TWA (mg/m3)	NIOSH STEL (ppm)	NIOSH STEL (mg/m3)	NIOSH Carcinogen
No applicable chemical	-	-	-	-	-	-	-	-	-	-	-	-

Chemical Name	ACGIH TWA (ppm)	ACGIH TWA (mg/m3)	ACGIH STEL (ppm)	ACGIH STEL (mg/m3)
No applicable chemical	-	-	-	-

**SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES****Physical and Chemical Properties**

Density VOC	0.07942 lb/gal
Density	8.36022 lb/gal
VOC Regulatory	9.51714 g/l
VOC Regulatory	0.07942 lb/gal
% VOC	0.95000%
VOC Actual	0.07942 lb/gal
VOC Actual	9.51715 g/l

Appearance	Thick green liquid
Odor Threshold	N.A.
Odor Description	N.A.
pH	7
Water Solubility	Soluble
Flammability	Will not burn.
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:**

No data available

**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

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**SECTION 12) ECOLOGICAL INFORMATION**

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**Toxicity:**

No data available

**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
0007732-18-5	WATER	30% - 50%	TSCA
1332-09-8	Pumice	10% - 20%	SARA312,TSCA
0008001-79-4	CASTOR OIL	5% - 15%	SARA312,TSCA
0067784-80-9	Methyl soyate	5% - 15%	SARA312,TSCA
0008042-47-5	Mineral oil	5% - 15%	SARA312,TSCA
0068439-46-3	Ethoxylated alcohols (C9 - C11)	0% - 5%	SARA312,TSCA
0068585-34-2	(C10-C16)Alcohol ethoxylate sulfated, sodium salt	0% - 5%	SARA312,TSCA

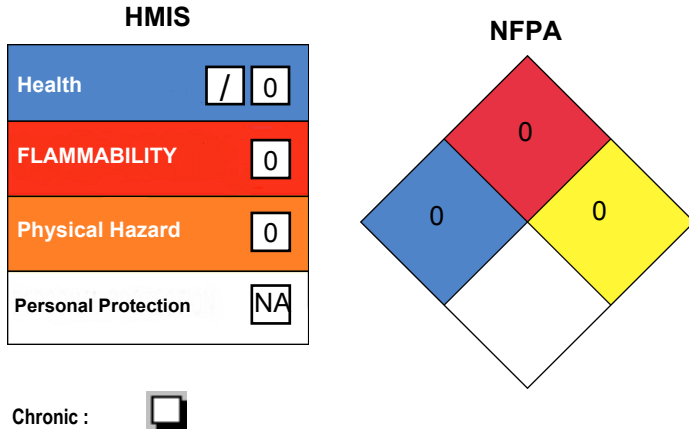
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## SECTION 16) OTHER INFORMATION

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### 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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