



Material Safety Data Sheet

Material Name: Bugzilla

*** Section 1 - Chemical Product and Company Identification ***

Manufacturer Information

Amazing Grace Super Naturals, LLC
2119 Old Seneca Tpke
Marcellus, NY 13108

Phone: 315-673-1688

*** Section 2 - Hazards Identification ***

Emergency Overview

Not anticipated to present a hazard under normal use conditions. May cause eye and skin irritation in sensitive individuals.

Potential Health Effects: Eyes

May cause reddening and pain.

Potential Health Effects: Skin

None anticipated under normal use conditions. May cause irritation in some sensitive individuals.

Potential Health Effects: Ingestion

Not considered a likely route of exposure. If ingested, may cause gastrointestinal discomfort.

Potential Health Effects: Inhalation

None anticipated under normal use conditions.

HMIS Ratings: Health: 0 Fire: 0 HMIS Reactivity 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

*** Section 3 - Composition / Information on Ingredients ***

CAS #	Component
8028-52-2	Vinegar
7732-18-5	Water
Not Available	Lemon Juice
8000-25-7	Oils, rosemary
8006-90-4	Oils, peppermint
Not Available	Molasses
Not Available	Honey
Not Available	Vegetable Oil
9005-25-8	Starch
56-81-5	Glycerin

*** Section 4 - First Aid Measures ***

First Aid: Eyes

Immediately flush eyes with plenty of water for at least 15 minutes.

First Aid: Skin

Wash with soap and water.

First Aid: Ingestion

If large amounts are ingested, drink water to dilute. Contact a physician if irritation persists.

First Aid: Inhalation

None needed

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*** Section 5 - Fire Fighting Measures ***

General Fire Hazards

See Section 9 for Flammability Properties.

None

Hazardous Combustion Products

None

Extinguishing Media

Use extinguishing media suitable for surrounding fire.

Fire Fighting Equipment/Instructions

Firefighters should wear full protective gear.

NFPA Ratings: Health: 0 Fire: 0 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

*** Section 6 - Accidental Release Measures ***

Containment Procedures

None necessary.

Clean-Up Procedures

Wipe up spill and clean residue with water.

Evacuation Procedures

None

Special Procedures

None

*** Section 7 - Handling and Storage ***

Handling Procedures

Avoid eye contact. No other special handling necessary.

Storage Procedures

Avoid freezing.

*** Section 8 - Exposure Controls / Personal Protection ***

A: Component Exposure Limits

Starch (9005-25-8)

ACGIH: 10 mg/m3 TWA

OSHA: 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)

NIOSH: 10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)

Glycerin (56-81-5)

ACGIH: 10 mg/m3 TWA

OSHA: 10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)

Engineering Controls

Ventilation is not normally required.

PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment: Eyes/Face

None necessary.

Personal Protective Equipment: Skin

None necessary.

Personal Protective Equipment: Respiratory

None necessary.

Personal Protective Equipment: General

None necessary.

*** Section 9 - Physical & Chemical Properties ***

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Appearance:	Translucent	Odor:	Fragrant
Physical State:	Liquid	pH:	4.9
Vapor Pressure:	11 mmHg (vinegar)	Vapor Density:	2.1 (vinegar)
Boiling Point:	244°F (vinegar)	Melting Point:	ND
Solubility (H2O):	Complete	Specific Gravity:	1.01 (vinegar)
Evaporation Rate:	ND	VOC:	ND
Octanol/H2O Coeff.:	ND	Flash Point:	ND
Flash Point Method:	ND	Upper Flammability Limit (UFL):	ND
Lower Flammability Limit (LFL):	ND	Burning Rate:	ND
Auto Ignition:	ND		

*** Section 10 - Chemical Stability & Reactivity Information ***

Chemical Stability

This is a stable material.

Chemical Stability: Conditions to Avoid

None

Incompatibility

None

Hazardous Decomposition

Not Determined

Possibility of Hazardous Reactions

Will not occur.

*** Section 11 - Toxicological Information ***

Acute Dose Effects

Component Analysis - LD50/LC50

Water (7732-18-5)

Oral LD50 Rat: >90 mL/kg

Oils, peppermint (8006-90-4)

Oral LD50 Rat: 2426 mg/kg

Oils, rosemary (8000-25-7)

Oral LD50 Rat: 5 g/kg; Dermal LD50 Rabbit: >10 g/kg

Glycerin (56-81-5)

Inhalation LC50 Rat: >570 mg/m³/1H; Oral LD50 Rat: 12600 mg/kg; Dermal LD50 Rat: >21900 mg/kg

Carcinogenicity

Component Carcinogenicity

Starch (9005-25-8)

ACGIH: A4 - Not Classifiable as a Human Carcinogen

*** Section 12 - Ecological Information ***

Ecotoxicity

Component Analysis - Ecotoxicity - Aquatic Toxicity

Glycerin (56-81-5)

Test & Species

	Conditions
96 Hr LC50 Oncorhynchus mykiss	51000-57000 mg/L
24 Hr EC50 Daphnia magna	>500 mg/L

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*** Section 13 - Disposal Considerations ***

US EPA Waste Number & Descriptions

Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

Disposal Instructions

Clean up and dispose of waste in accordance with all federal, state, and local environmental regulations. See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

*** Section 14 - Transportation Information ***

US DOT Information

Shipping Name: Not Regulated

*** Section 15 - Regulatory Information ***

US Federal Regulations

Component Analysis

None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

State Regulations

Component Analysis - State

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA	RI
Starch	9005-25-8	No	Yes	Yes	No	Yes	Yes
Glycerin	56-81-5	No	Yes	Yes	No	Yes	Yes

Component Analysis - WHMIS IDL

No components are listed in the WHMIS IDL.

Additional Regulatory Information

Component Analysis - Inventory

Component	CAS #	TSCA	CAN	EEC
Vinegar	8028-52-2	No	No	No
Water	7732-18-5	Yes	DSL	EINECS
Oils, peppermint	8006-90-4	Yes	DSL	No
Oils, rosemary	8000-25-7	Yes	DSL	No
Starch	9005-25-8	Yes	DSL	EINECS
Glycerin	56-81-5	Yes	DSL	EINECS

*** Section 16 - Other Information ***

Other Information

The information herein is presented in good faith and believed to be accurate as of the effective date given. However, no warranty, expressed or implied, is given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial, and local laws.

Key/Legend

NA - Not Applicable

ND - Not Determined

ACGIH - American Conference of Governmental Industrial Hygienists

OSHA - Occupational Safety and Health Administration

TLV - Threshold Limit Value

PEL - Permissible Exposure Limit

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TWA - Time Weighted Average

STEL - Short Term Exposure Limit

NTP - National Toxicology Program

IARC - International Agency for Research on Cancer

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