

Procidic2

Safety Data Sheet (GHS)

Effective Date: 05/04/2016

Section 1 – Identification of the Substance/Mixture and of the Company

Product Identifiers

Product Name: Procidic2

Product Use: Fungicide and Bactericide for use on growing crops as listed on label.
Concentrate

FIFRA 25(b) exempt “minimum risk” pesticide product for the control of various pest species per label in ready-to-use formulation.

Greenspire Global, Inc. represents that this product is a minimum risk pest control product and qualifies for exemption from the EPA registration under the Federal Insecticide, Fungicide and Rodenticide Act Reg 40 CFR 152.25 (FIFRA 25b).

Supplier Detail

Manufacturer/Supplier: Greenspire Global, Inc.
2319 Bell Avenue
Des Moines, IA 50321

For product information: 1-515-244-0441 (Greenspire Global, Inc.)

For medical emergencies: 1-800-222-1222 (Poison Control Center)

Have product container or label with you when calling a poison control center or doctor or going for treatment.

Section 2 – Hazards Identification

GHS Classification

Physical Hazards: Not classified

Health Hazards:

Acute Toxicity (Oral): Category 5

Eye Irritation: Category 2B clearing in 36 hours

Environmental Hazards: Not classified

GHS Label Elements

Signal word: Warning

Hazard Statements

H303: May be harmful if swallowed.

H320: Causes eye irritation.

Procidic2

Safety Data Sheet (GHS)

Effective Date: 05/04/2016

Precautionary Statement(s)

Prevention:

P264: Wash hands thoroughly after handling.

Response:

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

305+P351+P338+P337+P313: **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Other Hazards which do not result in classification: None

Section 3 – Composition / Information on Ingredients

Ingredient	% by Weight	FDA Food CFR 21 GRAS USA	EU Food	JAPAN JETRO	CAS No.	Origin	NOSB LIST USDA	
							Crop Production EPA INERTS	Post Harvest, or Processed Products
Active Ingredient:	3.5%							
Citric acid		184.1033	E-330	89	77-92-9	Non Synthetic	205.601(m) (1)(4A)	205.605(a)
Other Ingredients:	96.5%							
Water		182.1	NA	NA	7732-18-5	Non Synthetic	205.601(m) (1)(4A)	205.105/671
Vitamin C		182.3013	E-300	6	50-81-7	Synthetic	205.601(m) (1)(4A)	205.605(b)
Ethyl lactate		184.1061	E-270	249	687-47-8	Non Synthetic	205.601(m) (1)(4A)	205.605(a)
Glycerin		182.1320	NA	98	56-81-5	Synthetic	205.601(m) (1)(4A)	205.605(b)
Sodium chloride		182.1	NA	NA	7647-14-5	Non Synthetic	205.601(m) (1)(4A)	205.105
Total % by weight:	100.0%							

Active Ingredients (Citric Acid) and Inert Ingredients (all other ingredients) are shown on List 4A.

Ingredients comply with EPA Section 25(b) and are USA FDA GRAS; no residue.

Ingredients comply with 7 CFR 205.601(m)(1)(4A) and 40 CFR 180.950.

Refer to NOP National List of Allowed and Prohibited Substances at <http://www.ams.usda.gov/AMSV1.0/nop>

FDA GRAS NUMBERS – USA (Generally Recognized As Safe) Resolutions; European Community Approval Numbers (E-Numbers); JAS Standards (Jetro-Food Sanit. Law – Japan) 2009; USDA Organic List Numbers and Resolutions 2004

Section 4 – First Aid Measures

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Call a POISON CENTER or doctor/physician if you feel unwell.

Procidic2

Safety Data Sheet (GHS)

Effective Date: 05/04/2016

Section 5 – Fire Fighting Measures

Flammable Class: This product is not classified as flammable or combustible by GHS.

Suitable extinguishing media: Water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Specific hazards arising from the chemical: No particular hazards known.

Special protective equipment and precautions for fire fighters: As with any fire, do not enter fire area without proper protection equipment including, respiratory protection.

Section 6 – Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Collect spilled liquid and dispose of according to instructions on label.

Environmental precautions: Prevent further leakage.

Methods and materials for containment and cleaning up: Wipe up any spilled material and dispose of according to instructions in section 13. Wash contaminated surfaces with soap and water.

Section 7 – Handling and Storage

Precautions for safe handling: Handle in accordance with good industrial hygiene practices. Wash hands thoroughly after handling.

Conditions for safe storage, including any incompatibilities: Store upright in original container. Optimal storage temperature: 59-69°F (15-20°C).

Section 8 – Exposure Controls/Personal Protection

Control parameters: No additional information available.

Appropriate engineering controls: Handle in accordance with good industrial hygiene practices. Wash hands thoroughly after handling.

Other information: Always observe good personal hygiene measures, such as washing hands thoroughly after handling, and routinely wash work clothing and protective equipment.

Section 9 – Physical and Chemical Properties

Appearance:	Viscous Liquid Suspension
Odor:	Slight citric odor
Odor threshold:	No data available
pH:	4.02 (1% w/w)
Flash point:	100°C
Solubility (water):	100%
Solubility in other products:	Procidic2 is 100% solvent in alcohol and organic acids
Viscosity:	Centistokes 1.038 (20°C) / 0.687 (40°C)

Procidic2

Safety Data Sheet (GHS)

Effective Date: 05/04/2016

Section 10 – Stability and Reactivity

Chemical stability:	Stable under recommended conditions.
Possibility of hazardous reactions:	No data available
Conditions to avoid:	Direct sunlight or light, warm and humid areas.
Incompatible materials:	Oxygen, metal, organic material, alkalis products. Refer to label.
Hazardous decomposition products:	No data available

Section 11 – Toxicological Information

Acute Toxicity:	LD ₅₀ Oral - Rat - > 5000 mg/kg
Skin corrosion/irritation:	No data available
Eye irritation:	Category 2B clearing in 36 hours
Respiratory or skin sensitization:	No data available
Germ cell mutagenicity:	Not mutagenic
Carcinogenicity:	
IARC:	No component of this product is identified as carcinogenic by IARC.
NTP:	No component of this product is identified as carcinogenic by NTP.
OSHA:	No component of this product is identified as carcinogenic by OSHA.
Reproductive toxicity:	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
Other information:	No data available

Section 12 – Ecological information

Environmental effects:	Not classified
Aquatic toxicity:	Not classified
Persistence and degradability:	Rapidly degradable substance
Bioaccumulative potential:	No data available
Partition coefficient:	No data available
Mobility in soil:	No data available
Other adverse effects:	No data available

Procidic2

Safety Data Sheet (GHS)

Effective Date: 05/04/2016

Section 13 – Disposal Considerations

Disposal Methods: The best disposal method is to use the entire quantity per label directions. If it is necessary to dispose of unused material then follow the label instructions and relevant local, state and federal waste disposal guidelines.

Product Disposal: Do not contaminate water, food or feed by storage or disposal.

Packaging Disposal: Nonrefillable container. If empty: Do not reuse this container. Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions

Section 14 – Transport Information

UN proper shipping name:	Not dangerous goods
Hazard Class:	Not dangerous goods
Packing Group:	Does not apply
DOT:	Not dangerous goods
IMDG:	Not dangerous goods
IATA:	Not dangerous goods

Section 15 – Regulatory information

Greenspire Global, Inc. represents that this product is a minimum risk pest control product and qualifies for exemption from the EPA registration under the Federal Insecticide, Fungicide and Rodenticide Act Reg 40 CFR 152.25 (FIFRA 25). But this product is subject to certain labeling requirements under various state pesticide laws. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. The following is the hazard information as required on the pesticide label:

KEEP OUT OF REACH OF CHILDREN
CAUTION

SARA 302 Components: No chemical in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components: No chemical in this material are subject to the reporting requirements of SARA Title III, Section 313.

SARA 311/312 Hazards: None

California Proposition 65 Components: This product does not contain any chemicals known to the state of California to cause cancer, birth defects, or reproductive harm.

TSCA: All components of this product are listed, exempted, or excluded from listing on the U.S. Toxic Substances Control Act chemical substance inventory.

Procidic2

Safety Data Sheet (GHS)

Effective Date: 05/04/2016

Section 16 – Other Information, including date of preparation or last revision

Information contained herein follows the Globally Harmonized System of Classification and Labeling of Chemicals also known as GHS. GHS states that the Health Hazards for Acute Toxicity (Oral) are categorized on a scale of 1 to 5 with 1 being the most hazardous and 5 being the least hazardous.

GHS Health Hazard Acute Toxicity (Oral) for Procidic2: Category 5 (the least hazardous).

This SDS dated May 4, 2016 cancels and replaces any other MSDS or SDS with regard to Procidic2.

Disclaimer: The information contained herein has been obtained from sources believed to be accurate and reliable. Every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Manufacturer/Supplier provides no warranties, expressed or implied, and assumes no responsibility for any losses or consequential damages which may result from the use of or reliance on any information contained herein. Conditions of actual product use are beyond the control of the manufacturer/supplier the user assumes all responsibility for safety and use according to applicable legislation and regulatory requirements.