

Safety Data Sheet

Procidic

ID Number: 11R0032

Effective Date: 03/09/2016

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

Product Identifiers

Product Name: Procidic

Product Use: Fungicide and Bactericide
Ready-to-Use

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 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).

Restrictions: See product label for details.

Supplier Detail

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

For product information: 1-515-244-0441

For medical emergencies: 1-877-978-6558

Section 2 – Hazards Identification

GHS Classification of Substance or Mixture: Not classified as a physical hazard

GHS Label Elements:

Pictogram(s): None

Signal word: None

Hazard statement(s):

H226 None

Precautionary statement(s):

H210 None

Other Hazards which do not result in classification:

None

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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:	00.081%							
Citric acid		184.1033	E-330	89	77-92-9	Non Synthetic	205.601(m) (1)(4A)	205.605(a)
Other Ingredients:	99.919%							
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:	100.000%							

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.

Please 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

Eye contact: Hold eye open and rinse slowly and gently with water for at least 15 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call doctor or poison control center for treatment advice.

Skin contact: Remove contaminated clothing. Rinse skin immediately with plenty of water for at 15 minutes. Call doctor or poison control center for treatment advice.

Inhalation: Move person to fresh air. If person is not breathing, call 911 or an ambulance immediately and then give artificial respiration, preferably mouth-to-mouth if possible. Call doctor or poison control center for treatment advice.

Ingestion: Call doctor or poison control center immediately for treatment. Do not induce vomiting unless instructed to do so by either a doctor or poison control center. Have person sip a glass of water if able to swallow. Do not give anything by mouth to an unconscious person. Have the product container or label with you when calling a doctor or poison control center.

Important Symptoms: No data available

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General Advice: Consult a physician or poison control center. Provide this safety data sheet to medical personnel. Move out of hazardous areas.

Section 5 – Fire Fighting Measures

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon

Specific hazards arising from the chemical: Container may melt and leak in heat of fire. Do not allow run-off from firefighting to enter drains or water courses.

Special protective equipment and precautions for fire fighters: Firefighters should wear full protective clothing including self-contained breathing apparatus.

Further information: No data available

Section 6 – Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Avoid contact with spilled product and contaminated surfaces. Evacuate personnel to safe areas during emergencies. For safe handling instructions see section 7. For proper PPE see section 8.

Environmental precautions: Prevent further leakage or spillage if safe to do so.

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 before eating, drinking, chewing gum, using tobacco or using the toilet. For additional precautions see section 2.

Conditions for safe storage, including any incompatibilities: Store upright in original container. Optimal storage temperature: 59-69°F (15-20°C). Do not store where children or animals may gain access.

Section 8 – Exposure Controls/Personal Protection

Control parameters: No additional information available.

Appropriate engineering controls: Provide adequate general and local exhaust ventilation.

Hand protection: Wear protective gloves.

Eye protection: Chemical goggles or safety glasses.

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Respiratory protection:	Respiratory protection not required. If ventilation is insufficient, suitable respiratory protection must be provided.
Other information:	Do not eat, drink or smoke during use. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Section 9 – Physical and Chemical Properties

Appearance:	Clear to light yellow
Odor:	Slight citric odor
Odor threshold:	No data available
pH:	3.0 (10% suspension)
Melting point:	No data available
Initial boiling point and boiling range:	No data available
Flash point:	No data available
Evaporation rate:	No data available
Flammability (solid/gas):	No data available
Upper/lower flammability limits:	No data available
Vapor pressure:	No data available
Vapor density:	No data available
Relative density:	No data available
Solubility (water):	100%
Solubility in other products:	Procidic is 100% solvent in alcohol and organic acids
Partition coefficient:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	No data available

Section 10 – Stability and Reactivity

Reactivity:	No data available
Chemical stability:	Stable under recommended storage 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

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Section 11 – Toxicological Information

Information on toxicological effects:

Acute Toxicity Estimate (ATE):

LD₅₀ Oral - Rat - > 5000 mg/kg

LD₅₀ Dermal - Rat - > 5000 mg/kg

LD₅₀ Inhalation - Rat – no data available

Skin corrosion/irritation:

No data available

Serious eye damage/irritation:

May cause moderate eye irritation.

Respiratory or skin sensitization:

May cause moderate skin irritation.

Germ cell mutagenicity:

No data available

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:

No data available

Aquatic toxicity:

Daphnia magna EC₅₀ >10 g/L

Raphidocelis subcapitata EC₅₀ >10 g/L

Persistence and degradability:

Procidic 20% bioeliminates by 100% in 28 days (OCED 302 B Zaha-Wellens/EMPA Test (1992)).

Bioaccumulative potential:

No data available

Partition coefficient:

No data available

Mobility in soil:

No data available

Other adverse effects:

No data available

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.

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Product Disposal:	Do not contaminate water, food or feed by storage or disposal.
Packaging Disposal:	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. Never place unused product down any indoor or outdoor drain.

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

This product is a FIFRA 25(b) Exempt pesticide product that is not registered by the Environmental Protection Agency but 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.

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. 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

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contained herein. Conditions of actual product use are beyond the control of the supplier the user assumes all responsibility for safety and use according to applicable legislation and regulatory requirements.

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

HMIS ratings: Health hazard: 0 Flammability: 0 Physical hazard: 0

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