



DEFENDER DISINFECTANT RTU

SAFETY DATA SHEET | OSHA Hazard Communication Standard 29 CFR 1910.1200. Prepared to GHS Rev03.

Date Prepared: 07/13/2020

SDS No: 1165

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Defender Disinfectant RTU.
GENERAL USE: Disinfectant
PRODUCT DESCRIPTION: Disinfectant
PRODUCT CODE: 1165

MANUFACTURER

Artemis Bio-Solutions, LLC
14505 Torrey Chase Blvd Suite 205
Houston, TX 77014, USA

Emergency Contact: INFOTRAC

Emergency Phone: 1(800) 535-5053

Alternate Emergency Phone: 1(352) 323-3500

Customer Service : 1 (630) 359-4090

E-Mail: info@artemisbiosolutions.com

24 HR. EMERGENCY TELEPHONE NUMBERS

AAPCC Poison Help: (800) 424-9300

CANUTEC (Canadian Transportation): (613) 996-6666

INFOTRAC (US Transportation) : (800) 535-5053

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Not Classified

GHS LABEL

No labelling applicable.

SIGNAL WORD: WARNING

HAZARD STATEMENTS

Not Applicable

PRECAUTIONARY STATEMENTS

Prevention:

Not Applicable

Response:

Not Applicable

Storage:

Not Applicable

Disposal:

Not Applicable

3. COMPOSITION / INFORMATION ON INGREDIENTS

Not Reportable

4. FIRST-AID MEASURES

First Aid Measures

General Advice	If you feel unwell, seek medical advice (show the label where possible).
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.
Skin Contact	Wash skin with plenty of water.
Inhalation	Remove the victim into fresh air.
Ingestion	Rinse mouth with water. Do NOT induce vomiting.

Most important symptoms and effects

Any additional important symptoms and effects are described in Section 11: Toxicology

Indication of any immediate medical attention and special treatment needed

Note to physicians	Symptoms/injuries : Not expected to present a significant hazard under anticipated conditions of normal use.
	Inhalation : None under normal use.
	Symptoms/injuries after skin contact : Contact during a long period may cause light irritation.
	Symptoms/injuries after eye contact : Direct contact with eyes is likely to be irritating.
	Symptoms/injuries after ingestion : Gastrointestinal complaints.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable Extinguishing Media	Not applicable.
Specific Hazards Arising from the Chemical	Upon combustion: CO and CO2 are formed.
Protective equipment and precautions for firefighters	Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Take account of environmentally hazardous firefighting water. Do not enter fire area without proper protective equipment, including respiratory protection.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions	Protective goggles. Gloves. Protective clothing. Evacuate unnecessary personnel. Avoid contact with skin, eyes and clothing. Ventilate spillage area.
Environmental Precautions	Do not allow into any sewer, on the ground or into any body of water. Should not be released into the environment. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains
Methods and material for containment and cleaning up	
Methods for Containment	Prevent further leakage or spillage if safe to do so.
Methods for Clean-Up	Contain released substance, pump into suitable containers. This material and its container must be disposed of in a safe way, and as per local legislation.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Comply with the legal requirements. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Do not get in eyes, on skin, or on clothing.
Hygiene measures : Wash thoroughly after handling. Wash contaminated clothing before reuse.

Conditions for safe storage, including any incompatibilities

Storage Conditions Comply with applicable regulations.
Storage conditions : Keep container closed when not in use.
Storage area : Meet the legal requirements. Store in a cool area.

Incompatible Materials No additional information available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Use appropriate personal protective equipment when risk assessment indicates this is necessary. Gloves. Protective clothing. Safety glasses.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Liquid
Appearance	Clear colorless.
Odor	Lemon like
Odor Threshold	Not Determined
Property	Values
pH	9.5 - 14
Melting Point/Freezing Point	No Information available
Boiling Point/Boiling Range	No Information available
Flash Point	> 200 °F
Evaporation Rate	No Information available
Flammability (Solid, Gas)	No Information available
Upper Flammability Limits	No Information available
Lower Flammability Limit	No Information available
Vapor Pressure	No Information available
Vapor Density	No Information available
Specific Gravity	1 g/ml -Tested using the liquid component of the towelette.
Water Solubility	Liquid component is soluble in water.
Solubility in other solvents	N/A
Partition Coefficient	No Information available
Auto-ignition Temperature	No Information available
Viscosity	No Information available
VOC Content %	< 0.1 %

10. STABILITY AND REACTIVITY

Reactivity

Upon combustion: CO and CO₂ are formed.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to Avoid

None under normal processing.

Incompatible Materials

None under normal processing.

Hazardous Decomposition Products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure**Product Information****Eye Contact**

Not classified

Skin Contact

Not classified

Inhalation

Not classified

Ingestion

Not classified

Aspiration hazard

Not classified

Symptoms/injuries after inhalation

None under normal use.

Symptoms/injuries after skin contact]

Contact during a long period may cause slight irritation.

Symptoms/injuries after eye contact

Direct contact with the eyes is likely to be irritating

12. ECOLOGICAL INFORMATION

Persistence/Degradability

No Information available.

Bioaccumulation

No Information available.

Mobility

No Information available .

Other Adverse Effects

No Information available.



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13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Waste disposal recommendations Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT Not regulated

IATA Not regulated

IMDG Not regulated

15. REGULATORY INFORMATION

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

California Proposition 65 - This product contains, or may contain, trace quantities of a substance(s) known to the state of California to cause cancer, developmental and/or reproductive harm

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labelling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

CAUTION. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.

16. OTHER INFORMATION

NFPA	Health hazards 1	Flammability 0	Instability 0	
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Revision Note: New format

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet