



SAFETY DATA

Issue Date: 04/15/2024

SECTION 1. IDENTIFICATION

Product name: CARTEL (Liquid Formulation)
Grades: Biological / Microbial Inoculant
Product use: Agriculture

SDS Number: SDS Number: CT-L22-1

Supplier:
SMART MICROBES LLC.
ADDRESS: 6521 AMIE LANE
PEARLAND, TX 77584 - USA.

Recommended use: Agriculture use
Further information obtained from: Product Safety Department
Emergency response contact information: (832)637-7126
Emergency telephone number (Texas Poison Center): 1-800-222-1222
Email: info@smartmicrobes.com

SECTION 2. HAZARD IDENTIFICATION CLASSIFICATION

2.1. Classification of the substance or mixture:
GHS-US Classification Not Classified
Label Elements: GHS-US: No labelling applicable
Other Hazards: No additional information available
Unknown acute toxicity (GHS US): Not applicable

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance: Not applicable

Name	Product identifier	%	GHS-US Classification
Proprietary		100	Not classified

Full text of H-statement: see Section 16

SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures

First-aid measures general: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible)

First-aid measure after inhalation: Allow breathing of fresh air. Allow the victim to rest.

First-aid measures after skin contact: Remove affected clothing and wash all exposed skin areas with mild soap and water, followed by warm water rinse.

First-aid measure after eye contact: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.

First-aid measures after ingestion: Rinse mouth. Do not induce vomiting. Obtain emergency medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries: Not expected to present a significant hazard under anticipated conditions of normal use.

Indication of any immediate medical attention and special treatment needed: No additional information available

SECTION 5. ACCIDENTAL RELEASE MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Special hazards arising from the substance or mixture

Reactivity: Stable under normal conditions and use.

5.2. Advice for firefighters

Firefighting instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire: Prevent fire-fighting water from entering environment.

Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Person precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures: Evaluate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment: Equip cleanup crew with proper protection.

Emergency procedures: Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters: Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

6.4. Reference to other sections

See Section 8. Exposure controls and personal protection.

SECTION 7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Precautions for safe handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Keep only in the original container in a cool, well-ventilated place away from: Keep container closed when not in use.

Incompatible products: Strong bases. Strong acids.

Incompatible materials: Sources of ignition. Direct sunlight.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Proprietary: Not applicable

8.2. Exposure controls

Personal protective: Avoid all unnecessary exposure.

Hand protection: Wear protective gloves.

Eye protection: Wear appropriate mask.

Other information: Do not eat, drink or smoke during use.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state: Liquid

Color: Off-white, Tan

Odor: Fermentation odor

Odor threshold: No data available

pH: No data available

Melting point: No data available

Freezing point: No data available

Boiling point: No data available

Flash point: 100 C

Relative evaporation rate (butylacetate = 1): No data available

Flammability (solid, gas): No data available

Explosive limits: No data available

Explosive properties: No data available

Oxidizing properties: No data available

Vapor pressure: No data available

Relative density: No data available

Relative vapor density at 20 C: No data available

Solubility: Partial forms of suspension.

Log Pow: No data available

Auto-ignition temperature: No data available

Decomposition temperature: No data available

Viscosity: No data available

Viscosity, kinematic: No data available

Viscosity, dynamic: No data available

9.2. Other information

No additional information available

SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity

Stable under normal conditions and use.

10.2. Chemical stability

Not established.

10.3. Possibility of hazardous reactions

Not established

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Alkalis. organic solvents. Oxidizing agent. Strong acids. Strong bases.

10.6. Hazardous decomposition products

Fume. Carbon monoxide. Carbon dioxide

SECTION 11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity: Not classified

Skin corrosion/irritation: Not classified

Serious eye damage/ irritation: Not classified

Respiratory or skin sensitization: Not classified

Germ cell mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive toxicity: Not classified

Specific target organ toxicity (repeated): Not classified

Specific target organ toxicity (repeated exposure): Not classified

Aspiration hazard: Not classified

Potential adverse human health effects and symptoms: Based on available data, the classification criteria are not met.

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity

No additional information available

12.2. Persistence and degradability

CARTEL	
Persistence and degradability	Not established
Proprietary	
Persistence and degradability	Not established

12.3. Bioaccumulative potential

CARTEL	
Bioaccumulative potential	Not established
Proprietary	
Bioaccumulative potential	Not established

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Effect on the global warming: No known ecological damage caused by this product.

Other information: Avoid release to the environment.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste disposal recommendations: Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials: Avoid release to the environment.

SECTION 14. TRANSPORT INFORMATION

Department of Transportation (DOT)

In accordance with DOT

Not regulated for transport

TDG

No additional information available

Transport by sea

No additional information available

Air transport

No additional information available

SECTION 15. REGULATORY INFORMATION

15.1. US Federal regulations

Proprietary

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2 International regulations

Canada

No additional information available

EU-Regulations

No additional information available

National regulations

No additional information available

15.3. US State regulations

No additional information available

SECTION 16. OTHER INFORMATION

Other information: None

The information contained herein is based on our current knowledge and is provided in good faith to comply with the SDS requirements of the OSHA Hazard Communication Standard (29 CFR 1910.1200)

End of Safety Data Sheet.