

# SAFETY DATA SHEET

## SECTION 1 - IDENTIFICATION

Product Identifier: ArmiClenz

Product Use: Disinfectant/Sanitizer

Registration Numbers:

EPA Reg. No. 63838-15-89950, EPA Est. No. 92995-CO-1

Armis Biopharma

2950 East Harmony Rd. Suite 252, Ft. Collins, CO 80528  
1-970-704-8503 (7 AM to 5 PM, MST, Monday to Friday)

24 Hr. Emergency Tel.#: 800.424.9300

## SECTION 2 - HAZARDS IDENTIFICATION

### Classification of the Substance or Mixture:

Not classified as hazardous under 29 CFR 1910.1200 OSHA Hazard Communication 2012.

Signal Word: NONE

### Hazard Statements:

May cause skin irritation May cause eye irritation

### Precautionary Statements:

Wear eye protection.

Wear gloves when contacting spray directly.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

### Hazards not Otherwise Classified:

No other hazards classified.

### SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

This product does not contain any hazardous or noxious ingredients defined by any regulatory or governmental agency.

### SECTION 4 - FIRST-AID MEASURES

Inhalation: Get medical advice/attention if you feel unwell or are concerned.

Skin Contact: Rinse with lukewarm, gently flowing water for 5 minutes or until product is removed. Call a POISON CENTER/doctor if you feel unwell.

Eye Contact: If irritation occurs, cautiously rinse eyes with lukewarm, gently flowing water for 5 minutes, while holding the eyelids open. If eye irritation persists: Get medical advice/attention.

Ingestion: If you feel unwell, or if concerned: Get medical advice/attention.

Most Important Symptoms and Effects, both Acute and Delayed: Contact with eye can cause irritation. Contact with skin can cause irritation. Indication of any Immediate Medical Attention and Special Treatment Needed: Treat symptomatically

### SECTION 5 - FIRE-FIGHTING MEASURES

Extinguishing Media: Use water spray, powder, foam, carbon dioxide.

Special hazards arising from the substance or mixture: No special hazards known

Flammability classification (OSHA 29 CFR 1910.106) (Hazcom 2012): Non -Flammable

Hazardous Combustion Products: Non Combustable

Special protective equipment and precautions for firefighters: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus.

### SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: This chemical is non-hazardous

Methods and materials for containment and cleaning up: SMALL SPILLS (less than 1 gallon): May be flushed to an approved sewer line (with large amounts of water). Larger spills should be absorbed and collected for disposal. Ensure adequate decontamination of tools and equipment following clean up.

### SECTION 7 - HANDLING AND STORAGE

Precautions for Safe Handling: Wear safety glasses when handling this product. Wear gloves if coming in direct contact with spray. Conditions for Safe

Storage: Keep product in tightly closed container when not in use. Do not drop, roll or skid drum.

Incompatible Materials: None known

### SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation and engineering measures: No additional ventilation needed

Respiratory Protection: No additional respiratory protection needed

Skin Protection: Wear gloves when contacting spray directly.

Eye/Face Protection: Wear safety glasses when handling this product.

Other Protective Equipment: Eye wash facility and emergency shower should be in close proximity. General Hygiene Conditions: No unusual precautions are necessary.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear colorless liquid  
Odor: Slight vinegar odor  
pH: 2.2-2.4  
Melting/Freezing point: No information available  
Initial boiling point and boiling range: No information available Flammability (solid, gas): Non -flammable

Specific gravity: 1.00 g/mL  
Solubility in water: Complete  
Decomposition temperature: No information available Viscosity: 5-15 cSt at 20oC / 68oF

## SECTION 10 - STABILITY AND REACTIVITY

Reactivity: Non-reactive  
Chemical Stability: Stable under normal conditions Possibility of Hazardous Reactions: None known Conditions to Avoid: None known  
Incompatible Materials: None known  
Hazardous Decomposition Products: None known

## SECTION 11 - TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Routes of entry - Inhalation: NO Routes of entry - Skin & Eye: YES Routes of entry - Ingestion: NO

Potential Health Effects:

Signs and symptoms of short term (acute) exposure:

Inhalation: May cause irritation to respiratory system in mist/vapor form.

Ingestion: No known hazards.

Skin: Not a skin irritant but may cause itching or skin irritation on some individuals. Rinse hands thoroughly if exposed.

Eye: May cause redness, stinging, tearing, swelling, itching and/or irritation of the eye. Possible eye damage if left untreated.

Potential Chronic Health Effects:

Mutagenicity: Not known to have mutagenic effects in humans or animals.

Carcinogenicity: No components are listed as carcinogens by ACGIH, IARC, OSHA, or NTP. Reproductive effects: No known reproductive effects in humans or animals.

Sensitization to material: Not a known sensitizer in humans or animals.

Toxicological data: The calculated ATE values for this mixture are: ATE oral = >10000 mg/kg

ATE dermal = >10000 mg/kg

ATE inhalation = >20.0 mg/L

## SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: No information available.

Persistence and degradability: Not expected to persist. Readily biodegradable. Bioaccumulation potential: Not expected to bioaccumulate.

Mobility in soil: Soluble in water and mobile in soil.

Other adverse affects: None known.

## SECTION 13 - DISPOSAL CONSIDERATIONS

Handling for disposal: Do not contaminate water, food, or feed by storage and/or disposal. When handling refer to protective measures listed in sections 7 and 8. Empty residue from containers, rinse container well.

Method of disposal: Dispose of in accordance with all applicable federal, state, provincial and local regulations. Contact your local, state, provincial or federal environmental agency for specific rules.

RCRA: Not applicable.

## SECTION 14 - TRANSPORTATION INFORMATION

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

Please note the GHS and DOT Standards are NOT identical and therefore can have varying classifications

US 49 CFR/DOT/IATA/IMDG Information: Non-hazardous material.

Environmental hazards: Not a Marine Pollutant

## SECTION 15 - REGULATORY INFORMATION

US Federal Information:

TSCA information: All components are listed on the TSCA inventory.

US CERCLA reportable quantity (RQ): Non-Regulated Material.

SARA Title III: No chemicals in this product are subject to SARA Title III reporting.

US State Right to Know Laws: Non-hazardous

International Information: Non-hazardous

## SECTION 16 - OTHER INFORMATION

Legend:

SARA: The Superfund Amendments and Reauthorization Act RCRA: Resource Conservation and Recovery Act

TSCA: Toxic Substances Control Act

CFR: Code of Federal Regulations

DOT: Department of Transportation

ATE: Acute Toxicity Estimate

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