

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

078917212

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

078917211

# **ImmuCell**

<b>U.S. DEPARTMENT OF LABOR</b>
<b>Occupational Safety and Health Administration</b>
<b>MATERIAL SAFETY DATA SHEET</b>
<b>Required For compliance with OSHA Act of 1970</b>
<b>Public Law 91-596 (CFR 1910)</b>

<b>SECTION I</b>	
Product Name: Wipe Out® Dairy Wipes	Size: 500 count wipes
Chemical Name: Nisin (peptide)	
Formula: Nisin (C <sub>143</sub> H <sub>230</sub> N <sub>42</sub> O <sub>37</sub> S <sub>7</sub> )	
Manufacturer: 1) ImmuCell Corporation	
Address: 1) Portland ME 04103	
For Information on Health Hazards Call: Justin Fortin, ImmuCell Corporation, 207-878-2770 ext 3143	
For Other Information Call: Michael Brigham, ImmuCell Corporation, 207-878-2770 ext 3108	

**Trade Name:** WIPE OUT® DAIRY WIPES

**Chemical Name and Synonyms:** Nisin

**Chemical Family:** Peptide (Nisin)

<b>SECTION II - HAZARDOUS INGREDIENTS OF MIXTURES</b>		
Principal Hazardous component(s)		TVL (Units)
Isopropanol	10 – 15% w/v	

<b>SECTION III - PHYSICAL DATA</b>			
Boiling Point (°F)	200-210	Specific Gravity (H <sub>2</sub> O=1)	<1.0
Vapor Pressure (mm Hg)	NA	Percent Volatile By Volume (%)	0%
Vapor Density (Air=1)	NA	Evaporation Rate (Butyl Acetate=1)	0
Solubility in Water: 100%			
Appearance and Odor: colorless to amber liquid, sour milk odor			

<b>SECTION IV - FIRE AND EXPLOSION HAZARD DATA</b>			
Flash Point (°F): NA	Flammable Limits in Air (% by Vol.)	Lower: NA	Upper: NA
Extinguisher Media: dry chemical		Autoignition Temperature (°F): NA	
Special Fire Fighting Procedures: Noncombustable liquid			
Explosion Hazards: None			

SECTION V - HEALTH HAZARD DATA		
Threshold Limit Value: NA		
Effects of Overexposure: skin, eye, and mucous membrane irritation		
Acute Overexposure: Irritation		
Chronic Overexposure: Irritation		
Emergency and First Aid Procedures		
Inhalation: NA		
Eyes: wash with copious amounts of water		
Skin: wash with copious amounts of water		
Ingestion: dilute by drinking water		

SECTION VI - REACTIVITY DATA		
Stability: Unreactive	Unstable	Conditions to avoid
	Stable ✓	
Incompatibility (Materials to Avoid): Not known		
Hazardous Decomposition Products: Not known		
Hazardous Polymerization		Conditions to Avoid
May Occur	Will Not Occur ✓	Not known

SECTION VII - SPILL OR LEAK PROCEDURES
Steps to be Taken in Case Material is Released or Spilled: Mop up and dilute with tap water.
Waste Disposal Method: Dispose down drain and flush with copious water

SECTION VIII - SPECIAL PROTECTION INFORMATION		
Respiratory Protection (Specify type): Wear nuisance odor masks		
Ventilation	Local Exhaust: NA	Special
NA	Mechanical (general) NA	Other
Protective Gloves: rubber		Eye protection: goggles
Other Protective clothing or Equipment		

SECTION IX - SPECIAL PRECAUTIONS
Precautions to be Taken in Handling and Storing: Transportation - not regulated by IATA
Other Precautions: NA