

ImmuCell

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

SECTION I	
Product Name: Wipe Out® Dairy Wipes	Size: 500 count wipes
Chemical Name: Nisin (peptide)	
Formula: Nisin (C ₁₄₃ H ₂₃₀ N ₄₂ O ₃₇ S ₇)	
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)

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

SECTION III - PHYSICAL DATA			
Boiling Point (°F)	200-210	Specific Gravity (H ₂ 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			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA			
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