



MATERIAL SAFETY DATA SHEET

IDENTITY: <i>(as used on label and list)</i> PHENEX-CEL (EPA Registration # 34810-16)		MSDS CODE NUMBER: 2116-00	
SECTION I: <i>(Manufacturer, Address, Telephone, Date Prepared)</i>		Date: 2/18/2009	
WEXFORD LABS, INC. 325 Leffingwell Avenue Kirkwood, Missouri 63122 (800) 506-1146		HMIS RATINGS Health 3 Fire 0 Physical Hazard 1	
		0 = Minimal Hazard 1 = Slight Hazard 2 = Moderate Hazard 3 = Serious Hazard 4 = Severe Hazard	
Protective Clothing	 	CHEMTREC 24-Hour Emergency Number: (800) 424-9300 CHEMTREC 24-Hour International Number: (703) 527-3887 This number may be used for emergency ONLY.	
SECTION II: <i>(Hazardous Ingredients Identity Information)</i>			
Hazardous Compounds	OSHA PEL	ACGIH TLV	Other Limits Recommended
			%
ortho-Phenylphenol, sodium salt Cas # 132-27-4	None Est.	None Est.	5 ppm (phenol) 8.45
o-Benzyl-p-Chlorophenol, sodium salt Cas# 3184-65-4	None Est.	None Est.	5 ppm (phenol) 7.15
SECTION III: <i>(Physical/Chemical Characteristics)</i>			
Boiling Point	Over 212° F		Specific Gravity (H ₂ O = 1) 1.165 - 1.188
			Melting Point N/A
Vapor Pressure (mm Hg.)	N/A		Evaporation Rate (Butyl Acetate =1) N/A
Vapor Density (Air = 1)	N/A		pH of Concentrate 12.5 ± 0.2
Solubility in Water	100%		pH of use dilution in tap water 10.0 ± 0.2
Appearance and Odor	Clear transparent liquid with light citrus odor		
SECTION IV: <i>(Fire and Explosion Hazard Data)</i>			
Flash Point: (Pensky-Martens Closed Cup)	NONE to boiling		Flammable Limits: N/A
Extinguishing Media:	Suitable to origin of fire		LEL: N/A
Special Fire Fighting Procedures:	NONE		UEL: N/A
Unusual Fire and Explosion Hazards:	NONE		
SECTION V: <i>(Reactivity Data)</i>			
Stability:	Stable		
Incompatibility (<i>materials to avoid</i>):	Acid, Cationics, Nonionics		
Hazardous Decomposition or Byproducts:	NONE		
Hazardous Polymerization:	Will not occur		
SECTION VI: <i>(Health Hazard Data)</i>			
Route(s) of Entry:	Inhalation? N/A	Skin? NA	Ingestion? Yes
Health Hazards (<i>acute and chronic</i>):			
Corrosive. Causes eye damage and skin irritation. Avoid breathing spray mist.			
Harmful if swallowed.			
Avoid contamination of food.			
Carcinogenicity: N/A	NTP? N/A	IARC Monographs? N/A	OSHA Regulated? N/A
Signs and Symptoms of Exposure:			
Skin erythema and eye irritation may occur upon exposure.			
Medical Conditions Generally Aggravated by Exposure:		None established	
Emergency and First Aid Procedures:			
In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reusing. If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution or, if these are not available, drink large quantities of water.			
Avoid Alcohol. Call a physician.			

KEEP OUT OF REACH OF CHILDREN

Phenex-Cel MSDS

SECTION VII: (Precautions for safe handling and use)									
<u>Steps to be taken in case material is released or spilled:</u> Pick up material spilled with wet vacuum pick-up, squeegee and pan or, or mop. Flush area with water. Allow to dry.									
<u>Waste Disposal Method:</u> Through conventional sewage system. Observe local regulations.									
<u>Precautions to be taken in handling and storing:</u> Store at room temperature. Do not leave containers open during storage. Wear goggles or face shields and plastic/rubber or other protective gloves when handling concentrate.									
<u>Other Precautions:</u> NONE									
SECTION VIII: (Control Measures)									
<u>Respiratory Protection:</u> NONE									
<u>Ventilation:</u> <table border="0"><tr><td>Local Exhaust</td><td>N/A</td></tr><tr><td>Mechanical (General)</td><td>N/A</td></tr><tr><td>Special</td><td>NONE</td></tr><tr><td>Other</td><td>NONE</td></tr></table>		Local Exhaust	N/A	Mechanical (General)	N/A	Special	NONE	Other	NONE
Local Exhaust	N/A								
Mechanical (General)	N/A								
Special	NONE								
Other	NONE								
<u>Protective Gloves:</u> Recommended									
<u>Eye Protection:</u> Recommended									
<u>Other Protective Clothing or Equipment:</u> None Needed									
<u>Work/Hygienic Practices:</u> Keep out of reach of children. Do not get on skin or clothing. Wash contaminated clothing before reuse. Wash hands after handling. Protect eyes and skin when handling. Avoid contamination of food.									
SECTION IX: TRANSPORTATION									
DOT (Department of Transportation) Proper Shipping Name: Not regulated by this mode of transportation IMDG (International Maritime Dangerous Goods) Proper Shipping Name: Not regulated by this mode of transportation IATA (International Air Transportation Association) Proper Shipping Name: Not regulated by this mode of transportation									

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