

# Owen Biosciences, Inc.

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Supersedes:	NA

Material Safety Data Sheet			
<b>Company Identification</b>			
Name:	Owen Biosciences, Inc.	24 Hr. Contact Name:	Dr. Don Owen
Address:	7053 Revenue Drive Baton Rouge, LA 70809	24 Hr. Emergency No.	225-752-4573
			225-752-4573
<b>Chemical Identification</b>			
Trade Name:	Pro SLC Peel 24	Synonyms:	NA
Chemical Name:	NA	Registry Number(s):	
Molecular Formula:			
<b>Hazardous Ingredients</b>			
Material or Components:		Hazard Data:	
Ethyl Alcohol		NFPA Rating Health - 0, Flammability - 3, Reactivity - 0	
<b>Shipping Information</b>			
DOT Shipping Name:		Ethanol Solution	
ID Number:		3,UN1170,II	
Hazard Classification:		Flammable	
<b>Physical Properties</b>			
Boiling Point/Range, °C/°F	76.6-80.0°C/170.0-176.0°F	Solubility in H <sub>2</sub> O:	Total
Melting/Freezing Point, °C:	NA	Vapor Pressure:	45.000 mmHg @ 68.00 F
Specific Gravity (H <sub>2</sub> O) = 1:	.793 - .794 @ 60.00 F	Vapor Density (Air = 1):	> 1.000
Evaporation Rate:	Slower than Ethyl Ether	% Volatiles by Volume:	100 %
Flammability:	3	Appearance & Odor:	Amber Liquid, Alcohol

Fire and Explosion Data	
Flash Point, °C/°F	63.0 °F, (17.2 °C)
Extinguishing Media:	
Alcohol Foam, Water fog, Carbon Dioxide, Dry Chemical	
Special Fire Fighting Procedures:	
Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment	
Unusual Fire & Explosion Hazards:	
Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electric motors, static discharge, or other ignition sources at locations distant from material handling point. Never use welding or cutting torch on or near drum (even empty) because product can ignite explosively.	
Reactivity Data	
Stability:	Stable
Conditions Contributing to Instability:	NA
Incompatibility (avoid contact with):	Strong Oxidizing Agents
Hazardous Decomposition Products:	May form: Carbon Dioxide and Carbon Monoxide
Conditions to Avoid:	Open flames or other ignition sources
Spill or Leak	
Steps to be Taken if Material is Released or Spilled:	
<p><b>Small Spill:</b> Absorb liquid with vermiculite or other absorbent material and transfer to hood. <b>Large Spill:</b> Eliminate all ignition sources. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Stop spill at source. Prevent from entering drains, sewers, streams or other bodies of water. Prevent from spreading. If runoff occurs notify authorities as required. Pump or vacuum transfer spilled product to clean containers for recovery. Absorb unrecoverable product</p>	
Disposal Procedure:	
Dispose of in accordance with all applicable local, state and federal regulations	
Precautions to be Taken in Handling and Storing:	
Containers of this material may be hazardous when emptied. Since emptied containers retain product residues, all hazard precautions given in the data sheet must be observed. All five-gallon pails and larger must be grounded.	
Other Precautions:	
NA	

Toxicity	
Toxicity of Components:	
No Data	
Carcinogenicity:	
This product contains Ethanol. The International Agency for Research on Cancer has determined that exposure to ethanol through chronic human consumption of alcoholic beverages can cause cancer. The relevance of this finding to ethanol exposure in industrial environments is uncertain.	
Reproductive Effects:	
This product contains Ethanol. Alcoholic beverage consumption has been associated with birth defects in humans. The relevance of this finding to ethanol exposure in industrial environments is uncertain.	
Health Hazard Information	
Effects of Exposure:	
Inhalation:	Skin Contact:
Breathing large amounts may be harmful	Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, drying and cracking of the skin.
Eye Contact:	Skin Absorption:
May cause severe eye irritation. Symptoms include stinging, tearing, and redness.	Passage of this material into the body through the skin is possible, but it is unlikely that this would result in harmful effects during safe handling and use.
Ingestion:	Chronic Effects:
Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful	No Data
Target Organs:	
This product contains Ethanol. Alcoholic consumption has been associated with brain damage, heart damage, and pancreatitis in humans. The relevance of this finding to ethanol exposure in industrial environments is uncertain. Overexposure to this material has been suggested as a cause of the following effects in laboratory animals: pancreatic damage, liver damage brain damage, testis damage. Over exposure to this material has been suggested as a cause of the following effects in humans: liver damage.	
Emergency First Aid:	
Ingestion:	Skin Contact:
Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth: place individual on left side with head down. Contact Poison Control for advice. If possible, do not leave individual unattended.	Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist seek medical attention.
Eye Contact:	Inhalation:
Flush eyes gently with water while holding eyelids apart. If symptoms persist or there is any visual difficulty, seek medical attention.	Move individual to fresh air. If symptoms persist, seek medical attention. If breathing is difficult administer oxygen

<b>Special Protection Information</b>			
Ventilation Requirements:			
If work place exposure limit(s) of product is exceeded (OSHA PEL 1000.000 ppm - TWA), a NIOSH/MSHA approved air supplied respirator is advised in absence of proper environmental control.			
Eye:	Chemical splash goggles in compliance with OSHA regulations.		
Hand (Glove Type):	Neoprene gloves		
Respirator Type (use only NIOSH/MESA approved equipment):	Consult your safety representative.		
Other Protective Equipment:			
To prevent repeated or prolonged skin contact, wear impervious clothing and boots.			
<b>Label Precautions</b>			
<b>Hazard Code:</b>			
Health:	0	Reactivity:	0
Flammability:	3	Contact:	NA
<b>Precautionary Labeling:</b>			
Keep away from fire or other ignition sources			
<b>Other Storage and Handling Conditions:</b>			
NA			
<p><b>The above information is accurate to the best of my knowledge. However, since data, safety standards, and government regulations are subject to change and the conditions of handling and use or misuse are beyond our control, Therapeutic Peptides Inc. MAKES NO WARRANTY, EITHER EXPRESS OR IMPLIED, WITH RESPECT TO THE COMPLETENESS OR CONTINUING ACCURACY OF THE INFORMATION CONTAINED HEREIN AND DISCLAIMS ALL LIABILITY FOR RELIANCE THEREON. User should satisfy himself that he has all current data relevant to his particular use.</b></p>			
		Therapeutic Peptides Inc.	