Material Safety Data Sheet (MSDS)

Recombinant Human MMP-1, MMP-9, MMP-12, and Mouse MMP-9 Proteins AnaSpec, Inc. www.anaspec.com 34801 Campus Drive Fremont, CA 94555 Tel: 510-791-9560 Fax: 510-791-9572 Email: service@anaspec.com 55575-1, 55575-10, 55575-50, 55576-1, 55576-10, 55576-50, 55525-1, 55525-10, 55525-50, 55884-1, 55884-10, 55884-50 1 μg, 10 μg, and 50 μg
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Proteins AnaSpec, Inc. www.anaspec.com 34801 Campus Drive Fremont, CA 94555 Tel: 510-791-9560 Fax: 510-791-9572 Email: service@anaspec.com 55575-1, 55575-10, 55575-50, 55576-1, 55576-10, 55576-50, 55525-1, 55525-10, 55525-50, 55884-1, 55884-50
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55525-10, 55525-50, 55884-1, 55884-10, 55884-50
1 μg, 10 μg, and 50 μg
None
Tronc
rds
H316 Causes Mild Skin Irritation
H320 Causes Mild Eye Irritation
TV .
Warning
None
P280 Wear Eye Protection
Hazard: 0
nazara: 0
: 0
. v
H

3) Compositio	on / Infor	mation	on Ingred	ients					
In one di ente/Co									
Ingredients/Co	emical Na				CAS Number:				
			· · · · · · · · · · · · · · · · · · ·	1 12 0 and Mausa MMD 0 Protein	N/A				
200		111 Hull	man Marie	1, -12, -9, and Mouse MMP-9 Protein					
300	J mivi Na	aC1, 50	mivi Tris-	HCl, 5 mM CaCl ₂ , 20 μM ZnCl ₂ , pH 7.5	N/A				
<u> </u>									
4) First Aid M									
Inhalation:	stopped	d. Get p	rompt medi	ir. If breathing is difficult, give oxygen. Give a cal attention.	-				
Ingestion:			owed, wash out mouth with water if subject is consciousness. Immediately consult a physician. Never						
				an unconscious person.					
Skin:				thing. Wash skin thoroughly with soap and water.					
Eyes:	Immed	liately f	lush eyes w	ith large amount of water for at least 15 minutes. C	Consult a physician.				
5) Fire Fightii	ng Meası	ures							
Extinguishing	media:			None					
Special firefigh	Special firefighting procedures:			None					
Unusual fire and explosions hazards:			zards:	None					
			Absorb wit	h paper towel and dispose into biohazard waste					
Containment	ttainment None		None						
PPE Gloves			Gloves						
7) Handling a Store at -80		ige							
8) Exposure (Controls /	/ Person	nal Protect	ion_					
Engineering co	ontrols	None							
PPE		Wear	goggles an	d gloves when handling the product					
9) Physical an	ıd Chemi	ical Pro	perties						
Physical State		Li	iquid						
Odor None									
	Solubility in Water Good								
·		ot determine	rmined						
pH									
Boiling Point				ed					
Melting Point Not determin									
Flash Point Not determine									
	Tapor Pressure: Not determine								
Vapor Density: Not determ									

10) Stability and Reactivity			
hermal Decomposition Stable v		under recommended storage conditions	
Dangerous Products of Decomposition Unknow		own	
Dangerous Reactions No dang		ngerous reactions identified	
11) Toxicological Information			
RTECS Number		Not listed	
Toxicity		Not identified	
Health Hazards		May cause skin irritation.	
		May cause eye irritation.	
		May be harmful if swallowed	
		May be harmful if absorbed through skin.	
Potential Hazards		Not identified	
Carcinogenicity:		Not listed by NTP, IARC, or OSHA	
OSHA Permissible Exposure Limit (PEL) L	D ata	Not identified	
ACGIH Threshold Limit Values (TLV)	•	Not identified	

12) Ecological Information

Do not allow product to reach ground water, watercourse, or sewage system.

13) Disposal Considerations

Consult local, state, or national regulations for proper disposal.

14) Transport Information

Hazard Class	This substance is considered to be non-hazardous for transport

15) Regulatory Information

California Proposition 65: Not Listed

US TSCA (Toxic Substance Control Act): Not Listed

US CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act: Not Listed

US SARA Title III (Superfund Amendments and Reauthorization Act: Not Listed

US Other: Not listed

EC EINICS (European Inventory of Existing Commercial Chemical Substances) Number: Not Listed

EC Risk Statements: Not Determined Other Country Regulations: Not Determined

16) Other Information

It is not intended for food, drug, household, agricultural or cosmetic use. A technically qualified individual experienced in handling potentially hazardous chemicals must supervise its use. The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. Users should make independent decisions regarding completeness of the information based on all sources available. AnaSpec shall not be held liable for any damage resulting from handling or from contact with the above product.