

## MATERIAL SAFETY DATA SHEET

OSHA's Hazard Communication Standard,  
29 CFR 1910.1200

## U.S. Department of Labor

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

Page 1 of 3

SECTION I - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION				
<b>IDENTITY</b> (As Used on Label and List) <b>True Name: Mycobacterium Cell Wall Fraction Immunostimulant</b> <b>Trade Name: AMPLIMUNE</b>		<b>Product Number(s)</b> USDA Product Code 9300.02		
<b>Manufacturer's Name</b> NovaVive USA, Inc.		<b>Emergency Telephone Number</b> 1-706-549-3349		
<b>Address</b> (Number, Street, City, State and ZIP Code) 119 Rowe Rd.,		<b>Telephone Number for Information</b> 1-706-549-3349		
Athens, GA 30601		<b>Date Prepared</b> April 06, 2016		
USA		<b>Signature of Preparer (optional)</b>		
SECTION II - COMPOSITION, INFORMATION ON INGREDIENTS				
COMPOSITION:				
Hazardous Components (Specific Chemical Identity, Common Name(s), CAS Number)	OSHA PEL	ACGIH TLV	Other Limits Recommended	%
Not Applicable (N/A)				
SECTION III - HAZARDS IDENTIFICATION				
<b>Appearance and Odor.</b> White with slight oil odor				
<b>OSHA / DOT Hazard Classification(s)</b> Exception to DOT/ICAO/IMDG regulation granted by DOT/RSPA CA-9711024				
<b>Potential Health Hazards</b> N/A				
SECTION IV - FIRST AID MEASURES				
<b>Signs and Symptoms of Exposure</b> N/A				
<b>Medical Conditions Generally Aggravated by Exposure</b> N/A				
<b>Emergency and First Aid Procedures</b> If contact with eye occurs, slight irritation may result. Flush eye with water for several minutes. See note below.				
<b>Notes To Physicians</b> Due to small oil content, if human injection (Subcutaneous or intramuscular) occurs, treat with standard procedures used for any oil or grease injection.				
SECTION V - FIRE FIGHTING MEASURES				
<b>Flash Point</b> (°C / °F) (Method Used) Unknown	<b>Flammable Limits</b>	Unknown	<b>LEL</b>	<b>UEL</b>
<b>Extinguishing Media</b> N/A				
<b>Special Fire Fighting Procedures</b> N/A				
<b>Unusual Fire and Explosion Hazards</b> N/A				
SECTION VI - ACCIDENTAL RELEASE MEASURES				
<b>Steps to Be Taken in Case Material Is Released or Spilled</b> None				

SECTION VII – HANDLING AND STORAGE			
Precautions to Be Taken in Handling and Storing - None other than label storage recommendations.			
Other Precautions N/A			
SECTION VIII - EXPOSURE CONTROLS, PERSONAL PROTECTION			
Respiratory Precaution (Specify Type) N/A			
Ventilation N/A	Local Exhaust N/A	Special N/A	
	Mechanical (General) N/A	Other	
Protective Gloves N/A	Eye Protection - Yes		
Other Protective Clothing or Equipment N/A			
Work/Hygienic Practices N/A			
SECTION IX- PHYSICAL AND CHEMICAL PROPERTIES			
Flash Point ( °C / °F ) (Method Used) - >200 °F (>93.3°C)	Flammable Limits - Unknown	LEL	UEL
Appearance - White liquid	Boiling Point ( °C / °F ) - Unknown	Specific Gravity (H <sub>2</sub> O = 1) - Unknown	pH Neutral
Odor - Slight oil odor	Vapor Pressure (mm Hg.) - Unknown	Freezing / Melting Point (specify) ( °C / °F ) - Unknown	
Physical State Liquid with consistency of milk	Vapor Density (AIR = 1) - Unknown	Evaporation Rate - Unknown (Butyl Acetate = 1)	
Solubility in Water - crates mixture and eventually settles out.			
SECTION X - STABILITY AND REACTIVITY DATA			
Stability	Unstable		Conditions to Avoid None
	Stable	X	
Incompatibility (Materials to Avoid) None			
Hazardous Decomposition or Byproducts None			
Hazardous Polymerization	May Occur		Conditions to Avoid None
	Will Not Occur	X	
SECTION XI - TOXICOLOGICAL INFORMATION			
Acute Data N/A			
Target Organs N/A			
Carcinogenicity: N/A			
Special Studies (epidemiology, carcinogenicity, other studies relevant to subject materials) N/A			
SECTION XII - ECOLOGICAL INFORMATION			
Eco-toxicity (fish and invertebrates, plant life, birds, other) N/A			
Environmental Fate (persistence, degradation, hydrolytic/photolytic stability, etc.) N/A			
SECTION XIII - DISPOSAL CONSIDERATIONS			
EPA / RCRA Waste Numbers under RCRA 40CFR 261 N/A			
Waste Disposal Method No Restrictions			
Special instruction or specific limitations N/A			

SECTION XIV - TRANSPORT INFORMATION – N/A				
TRANSPORTATION:	<u>GROUND</u>	<u>DOMESTIC AIR</u>	<u>INT'L AIR</u>	<u>OCEAN</u>
SHIPPING NAME				
UN/ID NONOT				
CLASS				
PACKING GRP				
LABELS				
MARKING				
PACKAGING INST				
DOCUMENTATION				
REFERENCE				
SECTION XV - REGULATORY INFORMATION				
UN REGULATIONS, TRANSPORT OF DANGEROUS GOODS N/A				
OSHA N/A				
DOT / IATA/ IMDG N/A				
EPA / RCRA N/A				
SECTION XVI - OTHER N/A				
Right To Know Hazard Information (4 = Severe Hazard; 3 = Serious Hazard; 2 = Moderate Hazard; 1 = Slight Hazard; 0 = Minimal Hazard)				
Health =	0 -	Fire =	0 -	Reactivity =
				0 -
				Other (specify) =
				-
Key / Legends Used "N/A" = Not Applicable				
Preparation Date April 06, 2016				
Revision Information N/A				
Other				

The information contained herein is considered to be correct as of the date of this data sheet but does not purport to be all inclusive and shall be used only as a guide. No warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. NovaVive USA, Inc. assumes no responsibility for damages caused by the use, storage or disposal of the product in a manner not recommended on the product label. Users assume all risks associated with such unrecommended use, storage, or disposal of the product.