

MSDS
FROZEN CONCENTRATED BOVINE PLASMA
FOOD PURPOSE

SECTION I			
PRODUCT INFORMATION & COMPANY IDENTIFICATION			
COMERCIAL NAME		NUTRIFROZEN	
COMMON NAME - GENERIC		FROZEN BOVINE PLASMA	
COMPANY NAME		1- PROTEÍNAS NATURALES, S.A. 2- SCANBIOTEK S.R.L	
ADDRESS		1- Km 27carretera panamericana norte, Nicaragua 2- Km 37 carret. al norte ingreso a juan latino-SANTA CRUZ- BOLIVIA	
PHONE #	1- (+505) 7517 1200 2- (+591) 3707550	FAX #	--
SECTION II			
COMPOSITION AND HAZARDOUS INGREDIENTS			
COMMON OR GENERIC NAME OF THE HAZARDOUS COMPONENT (attach sheet if necessary)		%	CAS Nmbr.
it is not toxic		N/A	N/A
COMPOSITION			
BOVINE PLASMA		100 %	
SECTION III			
FIRST AID MEASURES			
AFTER	MEASURE		
INHALATION	Not expected under normal conditions of use		
SWALLOWING	Rinse mouth with water. Do not induce vomiting.		
EYE CONTACT	Rinse eyes cautiously with clean running water for several minutes .		
SKIN CONTACT	None		
SECTION IV			
FIRST TIME ACUTE EXPOSURE			
EYE CONTACT	It may cause slight irritation if exposed to high concentrations without proper protection		
SKIN CONTACT	It does not cause skin irritation.		
INHALATION	Not expected under normal conditions of use		
SWALLOWING	It is not toxic		
RECOMMENDED ANTIDOTE	There is not a specific antidote. Treat the patient according to symptoms.		
MEDICAL INFORMATION	Bovine Plasma it is not toxic.		

SECTION V	
FIRE FIGHTING MEASURES	
FLASH POINT	Not applicable.
FLAMMABLE LIMIT (IF ANY)	Not applicable.
EXTINGUISHING AGENTS	None
SPECIAL PROTECTIVE EQUIPMENT	None
HAZARDOUS COMBUSTION PRODUCTS	Not applicable.
SECTION VI	
MEASURES IN CASE OF SPILLS OR LEAKS	
Bovine Plasma must be Contain spill using absorbent material and clean with appropriate sanitation procedures.	
SECTION VII	
HANDLING AND STORAGE	
STORAGE TEMPERATURE	-15 °C
STORAGE CONDITIONS	Store frozen at -15°C or below. Avoid thawing and refreezing. Stow on pallets at a minimum height of 15 cm from the floor, 50 cm from the wall to avoid moisture and breakage.
CONTAINER HANDLING	Keep the product in its original container, labeled and tightly closed.
EFFECTS OF EXPOSURE TO SUNLIGHT, HEAT, HUMIDITY ATMOSPHERES, AMONG OTHERS.	Keep in a dry place at -15°C. Prolonged exposure above 4°C may affect microbiological and functional stability.

SECTION VIII	
EXPOSURE CONTROLS AND PERSONAL PROTECTIVE EQUIPMENT	
VENTILATION CONDITIONS	Suitable for the place of use
RESPIRATORY PROTECTIVE EQUIPMENT	Gloves,
EYE PROTECTION EQUIPMENT	Safety glasses during handling
SKIN PROTECTIVE EQUIPMENT	Protective clothing
EXPOSURE CONTROL DATA (TLV, PEL, STEL)	None

SECTION IX	
PHYSICAL AND CHEMICAL PROPERTIES	
APPEARANCE AND ODOR	Characteristic odor, orange/brown color
SPECIFIC GRAVITY	N/A
SOLUBILITY IN WATER AND OTHER SOLVENTS	N/A
MELTING POINT	N/A
BOILING POINT	N/A
pH	7-8.5
STATE OF AGGREGATION TO 25°C AND 1 ATM	N/A
SECTION X	
STABILITY AND REACTIVITY	
STABILITY	Stable product under frozen storage conditions (-15°C)
INCOMPATIBILITY	N/A
RISKS OF POLYMERIZATION	Does not occur.
HAZARDOUS DECOMPOSITION PRODUCTS	N/A
SECTION XI	
TOXICOLOGY INFORMATION	
ORAL MEAN LETHAL DOSE or DERMAL (LD50)	Not available. Non-Toxic product
AVERAGE LETHAL DOSE PER INHALATION (LC50)	Not available. Non-Toxic product
SECTION XII	
EFFECTS ON THE ECOLOGY	
Biodegradable organic product. Large releases may increase biological oxygen demand in water systems.	
SECTION XIII	
CONSIDERATIONS ON THE FINAL DISPOSAL OF THE PRODUCT	
It is a 100% organic and biodegradable product. It must be disposed of according to the current environmental legislation of the country. The packaging can be sent for recycling.	

SECTION XIV**TRANSPORT INFORMATION**

It does not present any restriction for its transport by air, sea or land. Transportation must guarantee food-grade, hygiene and safety conditions. Transport under frozen conditions at -15°C or below. Maintain frozen chain during transport

SECTION XV**REGULATORY INFORMATION**

Laws and regulations for the registration and control of the production, manufacture, handling, storage, fractionation, distribution and use of animal by-products.

SECTION XVI**OTHER INFORMATION**

Bovine Plasma is a natural product obtained through the fractionation of bovine blood collected and processed under strict hygienic and sanitary standards. The plasma is concentrated and preserved through a controlled freezing process that helps maintain the biofunctional properties and stability of the proteins.