

# Zeal BIOLOGICALS

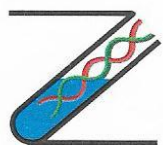
Environmental Testing Lab & CRO

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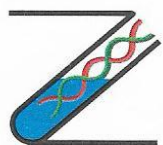
MATERIAL SAFETY DATA SHEET		
Issue No.956, Date: 25 <sup>th</sup> January-2020		
<b>SECTION 1: PRODUCT AND COMPANY IDENTIFICATION</b>		
1.1	Trade Name of Product	Bose Product
	Product Name	Ultrasound gel
	Product Class	Gel
	Synonyms	USG gel
	Product Description	Ultrasound gel is a conductive medium that creates a bond between the skin and the ultrasound transducer. The ultrasound sound waves have a hard time traveling through air, so the gel prevents any extra air space between the probe and your skin in order to create a clear image of the fetus.
1.2	Uses	Physiotherapy and diagnostic uses
1.3	CAS No.	Not applicable
	Product Code No/ HSN Code	HSCODE: 30067000
	Empirical Formula	Not applicable
1.4	Manufacturer/Supplier	Bose Product
	And Address	Saratpally, Bankra, Howra, West Bengal 711403 India
	Contact No	8617747536
	Email	Boseproducts00@gmail.com
<b>SECTION 2 : HAZARD IDENTIFICATION</b>		
2.1	Emergency Overview	Not applicable
2.2	Route of Entry	Eyes, Inhalation, Ingestion or Skin contact
2.3	Classification of Product	The product is not classified as dangerous to health and environment. Transporting product by air/ship requires logistical processes, specific equipment, storage facilities and harmonized handling procedures to maintain shipment integrity.
2.4	Health Hazards	None
2.5	Other Prospective Risks	None
2.6	Signal Word	None
2.7	Precautionary Statement	Wear self-contained breathing apparatus approved by NIOSH and protective clothing. Watch footing on floors and stairs because of possible spreading of molten material. Use water spray to keep containers cool.

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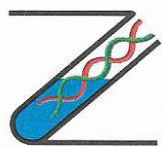
SECTION 3 : COMPOSITION AND INFORMATION ON INGREDIENTS		
3.1	Name of Component	Ultrasound Gel
3.2	Content of Component	Demineralized water, Carbomer, Triethanolamine, Glycerine, Potassium sorbate, Blue water, soluble food color.
3.3	Hazard Symbol	None
3.4	Risk Phrases	None
3.5	Note	Confidential Business information is omitted
SECTION 4 : FIRST AID MEASURES		
4.1	Inhalation	Remove person to fresh air and keep comfortable for breathing.
4.2	Ingestion	Flush mouth with plenty of water. Consult medical help if necessary.
4.3	Skin	Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.
4.4	General Instruction	Non- hazardous material. However, if any symptoms occur, seek medical attention if required
4.5	Other Data	Not applicable
4.6	First Aid Responder	Wear rubber or nitrile gloves to avoid of skin
SECTION 5 : FIRE AND EXPLOSION HAZARD		
5.1	Flash Point	Not applicable
5.2	Flammable Limits	Non-Combustible / non-flammable
5.3	Suitable Extinguishers	Dry chemical carbon dioxide foam, water, sand, or earth is recommended.
5.4	Improper Extinguisher	Not known
5.5	Fire Hazards in presence of various hazards	Not available
5.6	Explosion hazards	Normal combustion may produce carbon dioxide, water vapor, carbon monoxide and flammable hydrocarbons.
5.7	NFPA rating (estimated)	Health: 0, Flammability: 0, Instability: 0
5.8	Special Risks	In case of fire dangerous fumes of carbon monoxide, carbon dioxide, potassium oxides may be released.
5.9	Protection Gear	Ware Safety glasses, Gloves.

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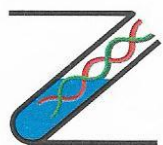
SECTION 6 : ACCIDENTAL RELEASE MEASURES		
6.1	Small Spills	Product is non-hazardous in the form supplied. Spills or accidental release is not expected from normal use.
6.2	Safety Measures	Use personal protective equipment. Do not smoke or eat while working.
6.3	Environmental protection	Avoid water contamination
SECTION 7 : PRECAUTION FOR SAFE HANDLING AND STORAGE		
7.1	Storage	Ensure good ventilation of the work station. Wear personal protective equipment. Hygiene measures: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
7.2	Measures for Environment	Prevent environment contamination. Keep container close when not in use.
7.3	Handling	Store in a well-ventilated place. Keep cool. Keep away from heat and direct sunlight. Keep container closed when not in use.
SECTION 8 : CONTROL MEASURES / PERSONAL PROTECTION		
8.1	Respiratory Protection	In case of insufficient ventilation, wear suitable respiratory equipment.
8.2	Exposure limiting Values	The control exposure parameters are not defined.
8.3	Workers Exposure	Provide sufficient ventilation. Provide proper personal, clothing to handlers. Contaminated work is completed, wash the hands and face with water and soap and treat the hands with reparable cream.
8.4	General Personal Protection	a) Air passage: Respirator mask or facecloth in emergency b) Hand protection: Protective rubber gloves c) Eye protection: Protective goggles, glasses d) Skin Protection : Work clothes
8.5	Environmental exposure	Protect leakage into sewage and underground water

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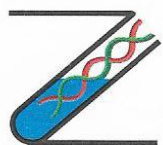
SECTION 9 : PHYSICAL / CHEMICAL CHARACTERISTICS		
9.1	Form / State	Liquid
	Color	Blue
	Odor	Free from objectionable odor
	Odor Threshold	Not applicable
	pH	6.2
	Physical State	Gel
	Solubility in water	Soluble
	Vapor Pressure	Not applicable
	Flash Point	Not applicable
	Boiling Point / Distillation	Not applicable
	Melting / Freezing point	Not applicable
	Flammability	Not applicable
	Auto Ignition temperature	Not determined
	Density	Not applicable
	Fat Solubility	Not determined
	Vapor Density	Not applicable
	Evaporation Rate	Not applicable
	Decomposition point	Not determined
	Other information	Not applicable
	Partition Coefficient (n-octanol/water)	Not applicable
SECTION 10 : REACTIVITY DATA		
10.1	Stability	Product is stable at room temperature in closed containers.
10.2	Chemical Incompatibilities	Do not mix with highly acidic chemicals. Oxidants and acids may cause degradation.
10.3	Conditions to Avoid	None under recommended storage and handling conditions (see section 7).
10.4	Hazardous Decomposition	Not applicable
10.5	Hazardous Polymerization	Has not been reported

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SECTION 11 : TOXICOLOGICAL INFORMATION		
11.1	Exposure symptoms	
	Eye Effects	Get medical attention if irritation occurs.
	Skin Effects	Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.
	Acute Inhalation	Remove person to fresh air and keep comfortable for breathing.
	Ingestion	If large quantities of this material are swallowed, call a physician immediately.
	Chronic Effects	No usual Chronic effects
11.2	Toxicity	
	Acute oral toxicity	Not expected to be harmful in normal use
	Acute Dermal toxicity	Not expected to be harmful in normal use
	Acute inhalation toxicity	Not expected to be harmful in normal use
	Skin irritation	Not expected to be harmful in normal use
	Eye irritation	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.
11.3	Sensitization	Not applicable
11.4	Repeated dose toxicity	Data not available
11.5	CMR Effects	
	Carcinogenicity	Not Listed as carcinogenic ACGIH: Not Listed, NTP: Not Listed IARC: Not Listed, CA prop 65: Not Listed
	Mutagenity	Not applicable
	Teratogenicity	No information is available
	Reproduction Toxicity	No information is available
	Neurotoxicity	No information is available
SECTION 12 : ECOLOGICAL INFORMATION		
12.1	Ecotoxicity	No known significant effects or critical hazards
	Acute toxicity for Fish	Not applicable
	Algae Growth inhibition	Not toxic
	Activated Sludge Respiration	Not applicable
	Other Information	--
12.2	Mobility	The product is non-volatile.
	Distribution in Environment	The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
	Soil Absorption	Soluble in water. Spillages may cause the contamination of ground water by penetrating to the soil.
12.3	Persistence / decomposition	Ingredients are readily biodegradable
12.4	Bio-accumulation potential	Biodegradable, product presents minimal environmental impact.
	Persistent Bio-Accumulative	Not applicable

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SECTION 13 : DISPOSAL COSIDERATION		
13.1	Disposal	Dispose off in an approved land fill
13.2	Disposal Regulation	Do not dump in sewers, on the ground, or into any body of water. All disposal practices must comply with local rules and regulations.
13.3	Package Disposal	Dispose of containers as local regulations allow
SECTION 14 : TRANSPORT INFORMATION		
14.1	Regulation	Not regulated by DOT
	Proper Shipping Name	Bose Product
	DOT Label	Not applicable
	US DOT	No information available
	IMO	Not Regulated as a Hazardous material
	IATA	Not Regulated as a Hazardous material
	RID / ADR	Not Regulated as a Hazardous material
	Canadian TDG	No information available
SECTION 15 : REGULATORY INFORMATION		
15.1	Sudden release of pressure	No
15.2	Fire	No
15.3	Reactive	No
	Risk Classification	Substance is not classified risky
15.4	Composition	--
	H-Statement	None
	P-Statement	P102: keep out of reach children
		P261: Avoid breathing dust/mist/spray
		P281: Use personal protective equipment as required
		P332/313: If skin irritation occurs, Get medical attention
	R-Phrases	None
	S-Phrases	S2: Keep out of reach children
		S23: Do not breath dust/mist/spray
		S36/37/39: Wear suitable protective clothing, gloves and eye
SECTION 16 : OTHER INFORMATION		
16.1	Disclaimer	All information appearing hearing is based upon data obtaining from manufacturers and / or recognized technical sources. While the information is believed to be accurate, we make no representations to its accuracy or sufficiency. It does not imply the acceptances of any legal liability or responsibility whatsoever by the company for the consequences of its use or misuse in any particular circumstances.
END OF DOCUMENT		



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