

DSI Sense-X Bio

Remineralizing Gel

Material safety data sheet (MSDS)
Version 1.0 / EN

26/12/2022

SECTION 1: PRODUCT AND COMPANY INFORMATION

1.1. Product identifier

Product Name	DSI Sense-X Bio
Intended use	Remineralizing Gel fortified with Bioglass
Structure	paste
Color	Colored

1.2. Details of the supplier of the safety data sheet:

Company Name	DSI Ltd.
Company Address	59 haAvoda str., Ashdod 7706300 Israel
Contact Name	Shlomi Krasner
Phone / Fax	+972.893.172.35
E-mail	info@dsisrael.com

Emergency telephone number:	
Phone / Fax	+972.893.172.35

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENTS	C.A.S.	% by Wt
Glycerine	56-81-5	65-70 %
Bioglass	—	2-3% (trade secret*)
Desensitizer*	—	0.5-1%
Flavoring agent	—	< 1% (trade secret*)

* SDS indicates the ingredient name and/or exact percentage is being withheld as a trade secret.

SECTION 3: HAZARDS IDENTIFICATION

Health	Environmental	Physical
Acute Toxicity Category 4	Non-Hazardous	Non-Hazardous

SECTION 4: FIRST AID MEASURES

4.1 Description of First Aid Measures:

Routes of Exposure	First Aid Instructions
Eye	Flush with water for at least 15 minutes and consult physician.
Skin	Wash with soap and water.
Inhalation	Not applicable.
Ingestion	If large quantities are consumed, consult physician immediately.
Carcinogenicity	None known or anticipated

SECTION 5: MEASURES AND MEANS OF MAINTENANCE OF FIRE SAFETY

Flash point (°C):	N/A
Extinguishing media:	Chemical foam, CO2 , dry chemicals, water spray.
Fire and explosion hazards:	N/A
Lel explosive limits:	NE
Vel explosive limits:	NE

SECTION 6: ACCIDENTAL RELEASE MEASURES

Spill or Release Procedures	Minor spills – Clean up immediately, avoid contact with skin and eyes. Major spills – Clear area of personnel. Restrict access to area. Avoid contact with skin and eyes, and mop / squeegee area with soapy water.
-----------------------------	--

SECTION 7: HANDLING AND STORAGE

Handling	Limit all unnecessary personal contact. Avoid breathing dust / vapors.
Storage	Store in a cool , well ventilated area away from heat, sparks and flame.
Explosion Hazard	None.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Flash point (°C):	N/A
Appropriate Engineering Controls	No special ventilation normally required. For bulk handling, use with adequate ventilation to maintain exposure levels below the occupational exposure limits.
Individual Protection Measures (PPE):	

Specific Eye/face Protection	None required for normal use. Chemical safety goggles are recommended for bulk handling.
Specific Skin Protection	None required for normal use. Wear impervious gloves such as natural rubber gloves for bulk handling.
Specific Respiratory Protection	None should be needed for normal use.
Specific Thermal Hazards	None required.

Recommended Personal Protective Equipment: EYES/FACE, HANDS

SECTION 9: PHYSICAL/CHEMICAL CHARACTERISTICS

Appearance	Odor & Odor Threshold	pH	Specific Gravity	Viscosity	% Volatile
Colored paste	Odor of Stated Flavor	No data available	No data available	N/A	N/A

Boiling Point/ Freezing Point	Decomposition Temperature	Octanol/Water Partitioning Coefficient	Vapor Pressure:	Vapor Density	Ignition	Solubility In Water (20°C)
N/A	N/A	N/A	N/A	N/A	N/A	N/A

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	None known.
Chemical Stability:	Stable under normal storage and handling conditions.
Possibility of Hazardous Reactions:	Hazardous polymerization will not occur.
Conditions to Avoid:	Avoid excessive heat and direct sunlight.
Incompatible materials:	Avoid oxidizing agents and acids.

SECTION 11: TOXICOLOGICAL INFORMATION

Potential Health Effects	Information on toxicological effects
Eyes	Direct contact may cause irritation with redness and tearing. Injury may occur from mechanical irritation.
Skin	May cause skin irritation.
Inhalation	No adverse effects are expected under normal use conditions.
Corrosivity	This product is not a corrosive material.
Sensitisation	No data available. This product is not expected to cause sensitization.

SECTION 12: ECOLOGICAL INFORMATION

Persistence and Degradability	Glycerin is readily biodegradable.
Bio-accumulative Potential	No data is available to evaluate the potential for bioaccumulation of components of this product.
Mobility in Soil	Glycerin: Very high mobility in soil.

SECTION 13: DISPOSAL CONSIDERATION

Regulations:	Dispose in accordance with all national and local regulations.
Properties (Physical/Chemical) Affecting Disposal:	Empty containers retain product residues that can be hazardous. Follow all SDS precautions when handling empty containers.
Waste Treatment Recommendations:	Dispose in accordance with national and local regulations.

SECTION 14: TRANSPORT INFORMATION

	UN Number	UN Proper Shipping Name	Hazard Class(s)	Packing Group	Environmental Hazards
DOT	None	Not Regulated	None	None	No
ADR/RID	None	Not Regulated	None	None	No
IMDG	None	Not Regulated	None	None	No
IATA/ICAO	None	Not Regulated	None	None	No

SECTION 15: REGULATORY INFORMATION

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture: U.S. Federal Regulations

Toxic Substances Control Act (TSCA): This product is a drug and not subject to chemical notification requirements.

Clean Water Act (CWA): Not Listed

Clean Air Act (CAA): Not Listed

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code: Not applicable.

SECTION 16: OTHER INFORMATION

*Changes in content as per regulations – GHS classification

R25 Toxic if swallowed.

R36/38 Irritating to eyes and skin.

Acute Tox. 3 Acute Toxicity Category 3 Acute Tox. 4 Acute Toxicity Category 4 Carc. 2 – Carcinogen Category 2

Skin Irrit. 2 Skin Irritation Category 2 Eye Irrit. 2 Eye Irritant Category 2

H301 Toxic if swallowed.

H302 Harmful if swallowed

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H351 Suspected of causing cancer by inhalation.

Precautionary Statement:

P102 (S2), Keep out of reach of children.

P260 (S23), Do not breathe dust/fume/gas/mist/vapors/spray.

P261 (S24), Avoid breathing dust/fume/gas mist/vapor sprays.

P280 (S36/37/39), Wear protective gloves/clothing/eye protection/face protection.

P309+314 (S45), If exposed or you feel unwell, get medical advice/attention.

P404 (S7), Store in a closed container.

P403+235 (S3/9), Store in a well ventilated place. Keep cool.

Disclaimer:

Since the working conditions of the final user are unknown, the information presented in this safety data sheet is based on the current level of our knowledge, based on national and general standards.

The product should not be used for any other purpose than those indicated under heading without first receiving written instructions for use. The user must take all necessary measures to comply with the requirements and rules of the law. The information in this safety data sheet should be considered as a description of the safety requirements that apply to our product and does not guarantee its properties.

