

DSI Alginate

Dental impression material

Material safety data sheet (MSDS)
Version 1.0 / EN

10/08/2022

SECTION 1: PRODUCT AND COMPANY INFORMATION

1.1. Product identifier

Product Name	DSI Alginate
Intended use	dental impression material
Structure	Powder, pink color

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
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SECTION 2: COMPOSITION /INFORMATION ON INGREDIENTS

2.1. Chemical characterization: (Powder):

COMPONENTS	C.A.S.	% by Wt
Magnesium oxide	1309-48-4	5-10
diatomite	91053-39-3	5-10
Tetra sodium pyrophosphate	7722-88-5	1-3
Paraffin liquid	8012-95-1	1-2
Talcum powder	14807-96-6	1-3
Sodium fluoride	7681-49-4	0.5
P.O.P	26499-65-0	10-15
COLOUR	-	< 1

SECTION 3: HAZARDS IDENTIFICATION

3.1. Unlikely to cause harmful effects under normal conditions of handling and use.
Practice good hygiene. Wear gloves, overalls.

SECTION 4: FIRST AID MEASURES

4.1. General

Eyes: Irrigate thoroughly with water for at least 10 minutes.

Skin: Wash immediately with plenty of water.

Ingestion: Wash out mouth with water. DO NOT INDUCE VOMITING.

Inhalation: Remove from exposure, rest and keep warm.

SECTION 5: MEASURES AND MEANS OF MAINTENANCE OF FIRE SAFETY

5.1. General fire hazards

N/A. Product is non-flammable.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Environmental Precautions : Avoid accumulation of dust

6.2. Methods for Cleaning / Taking Up : Sweep or vacuum.

Avoid getting material damp as it may cause a slip hazard

SECTION 7: HANDLING AND STORAGE

When handling bulk quantities use suitable protective clothing.

Handle in well ventilated area.

Store in a cool dry place.

Keep container lid tightly closed.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Hygiene Measures: Remove soiled or soaked clothing immediately. Wash hands before breaks and after work.

Respiratory Protection: Dust mask.

Hand Protection: Gloves should be worn when handling bulk quantities.

Eye Protection: Goggles should be worn when handling large quantities.

Body Protection: Cotton / synthetic overalls should be worn when handling large quantities.

SECTION 9: PHYSICAL/CHEMICAL CHARACTERISTICS

9.1. Information on basic physical and chemical properties:

Appearance:	Powder form
Colour	yellow/ pink powder
Odour:	Peppermint or vanilla
pH:	not determined
Melting Point:	no data available
Density:	no data available
Solubility in	
Water:	no data available

SECTION 10: STABILITY AND REACTIVITY

10.1. Stability and Reactivity:

Thermal Decomposition:	Stable
Conditions to Avoid:	Avoid aqueous conditions as material gels when wet

SECTION 11: TOXICOLOGICAL INFORMATION

Possible temporary irritation of the eyes and respiratory mucosa.

Possible risk of irreversible effects by repeated inhalation of dust at high concentration (Silicosis).

SECTION 12: ECOLOGICAL INFORMATION

There is no ecological data available for this product.

SECTION 13: DISPOSAL CONSIDERATION

Dispose off the material according to local regulations.

SECTION 14: TRANSPORT INFORMATION

14.1 UN-Number

ADR, ADN, IMDG, IATA	Void
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14.2 UN proper shipping name	
ADR, ADN, IMDG, IATA	Void
14.3 Transport hazard class(es)	
ADR, ADN, IMDG, IATA	
Class	Void
14.4 Packing group	
ADR, IMDG, IATA	Void
14.5 Environmental hazards:	
Marine pollutant:	No
14.6 Special precautions for user	Not applicable.
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
UN "Model Regulation":	-

SECTION 16: OTHER INFORMATION

R Phrases: R 40/20: Harmful possible risk of irreversible effects through inhalation.

S Phrases: S22: Do not breathe the dust

SECTION 16: OTHER INFORMATION

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.