


SAFETY DATA SHEET	 DS TECHNOLOGY ® Dental Materials Production
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Complying with 1907/2006/EEC Regulation of 18 December 2006 ("REACH Regulation") and REGULATION (EC) No 1272/2008 (CLP)

Section 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product name: DSTVITO®cetal

Product use: Denture material

1.2 Relevant identified uses of the substance or mixture and uses advised against N/A

1.3 Details of the supplier of the safety data sheet

DS TECHNOLOGY LTD– Dental Material Production

29 Omarim st., Omer Industrial Park, 8496500, Israel

Tel: +972 772006636 Fax:+ 972-722829896

E-mail address of person responsible for this SDS: N/A

1.4 Emergency telephone number

Emergency telephone number: N/A

Section 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Directive 67/548/EEC (DSD) or 1999/45/EC

Product name	EU CLASSIFICATION
DSTVITO®cetal	R67

2.2 Label elements

Labelling in accordance with 1999/45 (DPD)

Risk phrase(s):

R67: Vapors may cause drowsiness and dizziness.

2.3 Other hazard: None

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Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/preparation:

Product/ Ingredient name	Identifiers	%	EU Classification
Non-hazardous trade secret ingredients	N/A	99.996	N/A
Non-hazardous Colorant	N/A	0.004	N/A

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in section 8. See section 16 for the full text of the R-phrases declared above.

Section 4. FIRST AID MEASURES

4.1 Description of first aid measures

Eye contact: In case of contact with eyes, rinse immediately with plenty of water for at least 15 minutes. Gently remove contact lenses if present and safely possible to do so. Get medical attention.

Skin contact: In case of contact with skin wash off immediately with plenty of water for at least 10 minutes. Do not remove the molten material before cooled with flush of water. In case of burns by hot/molten product, seek medical treatment.

Inhalation: If fumes are inhaled, remove from site of exposure to fresh air. If breathing is difficult, give oxygen. If not breathing give artificial respiration. Get medical attention.

Ingestion: Do NOT induce vomiting without professional medical advice. Wash mouth thoroughly with plenty of water. Get medical attention.

4.2 Most important symptoms and effects, both acute and delayed Under conditions of suitable use, not expected to present any hazards. Direct contact of molten product may cause skin and eye irritation. Vapors may cause irritation, drowsiness and dizziness.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician: No specific antidote, contact Poisons Information Center. All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

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Section 5: FIRE-FIGHTING MEASURES

5.1 Suitable Extinguishing media
spray, CO₂, dry powder, foam, sand

Water

5.2 Special hazards arising from the substance or mixture The product is not flammable nor explosive. Thermal decomposition can lead to release of irritating and toxic fumes.

5.3 Advice for firefighters

Special protective equipment for fire fighters: Fire fighters should wear full protective clothing and self-contained breathing apparatus in positive pressure mode.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation.

6.2 Environmental precautions

Prevent entry into waterways, sewers, basements or confined areas.

6.3 Methods and materials for containment and cleaning up

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations. Use tools that do not create sparks and adjusted to explosive atmosphere.

Large spill: As for small spill

Personal Protection in Case of Large Spill: Safety glasses. Full suit. Suitable respirator. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product.

6.4 Reference to other sections

See Section 13 for additional waste treatment information.

Section 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Handling: Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the buildup of electrostatic charge. Wash thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice.

Hygiene Measures: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also section 8 for additional information measures.

7.2 Conditions for safe storage, including any incompatibilities

Storage: Store in a dry cool place. Keep containers tightly closed in a well-ventilated place. Keep away from ignition sources, sparks or open flame. Do not expose to direct sunlight. Store away from oxidizing agents.

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Section 8: EXPOSURE CONTROL / PERSONAL PROTECTION

8.1 Control parameters

No data available

8.2 Exposure controls

Engineering Measures

Use process enclosures, local exhaust ventilation, or others engineering controls to keep airborne levels below recommend exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Person Protective measures

Respiratory protection: Suitable respirator. Be sure to use approved/certified or equivalent equipment. Wear appropriate respirator when ventilation is inadequate.

Eye/face protection: Wear protective safety glasses, goggles.

Skin protection: Wear appropriate long-sleeved clothing to minimize skin contact.

Hand protection: Wear protective disposable gloves to prevent skin exposure.

Environmental exposure controls: N/A

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Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	Granular material
Odor:	Typical Odor
Threshold:	N/A
pH:	N/A
Melting point (range):	90 – 260 °C
Initial boiling point/boiling range :	N/A
Flash point:	N/A
Evaporation rate:	N/A
Flammability:	N/A
Upper/lower flammability or explosive limits:	N/A
Vapor pressure:	N/A
Vapor density:	N/A
Relative Density:	~1.2
Solubility:	Almost insoluble in water
Partition coefficient Octanol/Water:	N/A
Auto-ignition temperature:	N/A
Decomposition temperature:	N/A
Viscosity:	N/A
Explosive properties:	N/A
Oxidizing properties:	N/A

9.2 Other information

No additional information available

Section 10: STABILITY AND REACTIVITY

10.1 Reactivity

Under normally advised conditions of use, no dangerous reactions known.

10.2 Chemical stability

The product is stable under normal handling and storage conditions described in Section 7.

10.3 Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid

Temperatures above 300 °C will cause thermal decomposition

10.5 Incompatible materials

Oxidizing agents and strong acids

10.6 Hazardous Decomposition products

N/A

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Section 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Irritation:	N/A
Corrosivity:	N/A
Sensitization:	N/A
Repeated dose toxicity:	N/A
Carcinogenicity:	N/A
Mutagenicity:	N/A
Symptoms/injuries after inhalation:	May cause respiratory irritation
Symptoms/injuries after skin contact:	May cause skin irritation
Symptoms/injuries after eye contact:	May cause eye irritation if the contact is direct
Symptoms/injuries after ingestion:	May cause gastrointestinal irritation
Toxicity for reproduction:	N/A
Other information:	N/A

Section 12: ECOLOGICAL INFORMATION

12.1 Toxicity N/A

12.2 Persistence and Degradability

N/A 12.3 Bioaccumulative potential

N/A 12.4 Mobility in soil

N/A

12.5 Results of PBT and vPvB assessment

N/A 12.6 Other adverse effects N/A

Section 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Packing

Empty containers should be taken for local recycling, recovery or waste disposal.

Section 14: TRANSPORT INFORMATION

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14.1 Un number:

ADR/RID: Not regulated

IMDG: Not regulated

IATA: Not regulated

14.2 Proper shipping name:

ADR/RID: Not regulated

IMDG: Not regulated

IATA: Not regulated

14.3 Transport hazard class(es):

ADR/RID: Not regulated

IMDG: Not regulated

IATA: Not regulated

14.4 Packing group

ADR/RID: Not regulated

IMDG: Not regulated

IATA: Not regulated

IATA: N/A

14.5 Environmental hazard

ADR/RID: N/A

IMDG: N/A

14.6 Special precautions for user

Not available

Additional information

Not classified as dangerous for transport


Section 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Not applicable

15.2 Chemical safety assessment

N/A

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Section 16: OTHER INFORMATION

Training advice: Before using/handling the product one must read carefully present MSDS.

Recommended restriction: N/A

Key Legend Information:

ACGIH- American Conference of Governmental Industrial Hygienists

OSHA- Occupational Safety and Health Administration

NTP- National Toxicology program

IARC- International Agency for Research on Cancer

ND- Not Determined

N/A- Not available

R-phrases- Risk phrases

S-phrases- Safety phrases

Date of issue: 16/01/2013

Version no. 1

To the best of our knowledge the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.