

## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURES AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier

Product Name enigmalive, Enigma, 4natur and Natura

CAS-No: 65997-17-3

EG-No: 266-046-0

### 1.2. Relevant identified uses of the substances or mixture and used advised against

No further relevant information available

#### Application of the substance/the mixture

Acrylic teeth for dental technology

### 1.3. Details of the supplier of the safety data sheet

Supplier Davis Schottlander & Davis Ltd  
Fifth Avenue, Letchworth Garden City  
Hertfordshire SG6 2WD, UK  
msds@schottlander.co.uk  
[www.schottlander.com](http://www.schottlander.com)

### 1.4. Emergency telephone number

National poison center for United Kingdom of Great Britain and Northern Ireland:

Belfast: +44 28 90 63 2032

Birmingham: +44 121 507 4123

Edinburgh: +44 131 242 1383

Newcastle Upon Tyne: +44 191 2606182/+44 191 2606180

Penarth: +44 292 071 55 54

## 2. HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture Regulation (EC) No. 1272/2008

The product is not classified according to the CLP regulation.

### 2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008: Void

Hazard pictograms: Void

Signal word: Void

Hazard statements: Void

### 2.3. Other hazards

Results of PBT and vPvB: assessment

PBT: Not applicable.

vPvB: Not applicable.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization: Substances

### 3.1. Substances

Description: Acrylic teeth based of Polymethylmethacrylate

Dangerous components: None

Additional information: None

## 4. FIRST AID MEASURES

### 4.1. Description of first aid measures

**General information:** No special measures required. If symptoms persist consult doctor.

**After inhalation:** Take affected persons into fresh air and keep quiet.

**After skin contact:** Immediately rinse with water

**After eye contact:** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor

**After swallowing:** Rinse out mouth and then drink plenty of water. If symptoms persist consult doctor

**4.2. Most important symptoms and effects, both acute and delayed:** No further relevant information available.

**4.3. Indication of any immediate medical attention and special treatment needed:** No further relevant information available.

## 5. FIRE-FIGHTING MEASURES

### 5.1. Extinguishing media

**Suitable extinguishing agents:**

CO<sub>2</sub>, powder or water sprays, Fight larger fire water spray or alcohol resistant foam. Use fire extinguishing methods suitable to surrounding conditions.

**For safety reasons unsuitable extinguishing agents:** Water with full jet

**5.2. Special hazards arising from the substance or mixture:** Formation of toxic gases is possible during heating or in case of fire.

**Protective equipment:** Wear self-contained respiratory protective device.

**Additional information:** Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

**Person-related safety precautions:** Remove persons from danger area

**6.2. Environmental precautions:** Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system. Do not allow to penetrate the ground/soil. In case of seepage into the ground inform responsible authorities.

**6.3. Methods and material for containment and cleaning up:** Pick up mechanically. Dispose of the material collected according to regulations.

### 6.4. Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

## 7. HANDLING AND STORAGE

### 7.1. Precautions for safe handling

This product should only be handled by adequately trained personal. For dental or dental technology use only

**Information about fire- and explosion protection:** No special actions required

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage:**

**Requirements to be met by storerooms and receptacles:** No special actions required

**Information about storage in one common storage facility:** Not mandatory

**Further information about storage conditions:** None.

**Storage class**

**VbF-class:** deleted

7.3. **Specific end use(s):** No further relevant information available.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Additional information about design of technical facilities:** No further data; see item 7.

### 8.1. Control parameters

**Ingredients with limit values that require monitoring at the workplace:** Not required

**Additional information:** The lists valid during the making were used as basis.

### 8.2. Exposure controls

**Personal protective equipment:**

**General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals. Do not inhale dust/smoke/mist. Wash hands before breaks and at the end of work.

**Respiratory protection:** Suitable respiratory protective device recommended.

**Protection of hands:** Protective gloves

**Material of gloves:** The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

**Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye protection:** Safety glasses

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

#### *General Information*

#### **Appearance:**

Form: Solid

Colour: Tooth Colour

Odour: Odourless

#### **Change of condition**

Melting point/Melting range Undetermined

Poling point/Boiling range Undetermined

Flash point Not applicable

Flammability (solid, gaseous) Undetermined

Ignition temperature Undetermined

Decomposition temperature Not determined

Self-igniting Not determined

Danger of explosion Product does not present an explosion hazard

#### **Explosion limits**

Lower Not determined

Upper Not determined

Vapour pressure Not applicable

Density	Not determined
Relative density	Not determined
Vapour density	Not applicable
Evaporative rate	Not applicable
Solubility in/ Miscibility with Water:	Insoluble
Partition coefficient (n-octanol/water)	Not determined
Viscosity	100%
Dynamic	Not applicable
Kinematic	Not applicable
Organic solvents	0.0%

9.2. **Other information** No further relevant information available

## 10. STABILITY AND REACTIVITY

### 10.1. Reactivity

No further relevant information available.

### 10.2. Chemical stability

Stable with normal handling and storage  
**Thermal decomposition/conditions to be avoided:** No decomposition if used according to specifications.

### 10.3. Possibility of hazardous reactions:

No dangerous reactions known

### 10.4. Conditions to avoid:

No further relevant information available.

### 10.5. Incompatible materials:

No further relevant information available.

### 10.6. Hazardous decomposition products:

No dangerous decomposition products known

## 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

**Acute toxicity:** Based on available data, the classification criteria are not met  
**LD/LC50 values relevant for classification:** No further relevant information available.

**Primary irritant effect:**

**Skin corrosion/irritation:** Based on available data, the classification criteria are not met.

**Serious eye damage/irritation:** Based on available data, the classification criteria are not met.

**Respiratory or skin sensitisation:** Based on available data, the classification criteria are not met.

**Repeated dose toxicity:** No further relevant information available.

**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

**Germ cell mutagenicity:** Based on available data, the classification criteria are not met.

**Carcinogenicity:** Based on available data, the classification criteria are not met.

**Reproductive toxicity:** Based on available data, the classification criteria are not met.

**STOT-single exposure:** Based on available data, the classification criteria are not met.

**STOT-repeated exposure:** Based on available data, the classification criteria are not met.

**Aspiration hazard:** Based on available data, the classification criteria are not met.

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

**Aquatic toxicity:** No further relevant information available.

### 12.2. Persistence and degradability:

No further relevant information available.

### 12.3. Bioaccumulative potential:

No further relevant information available.

### 12.4. Mobility in soil:

No further relevant information available.

**Additional ecological information:**

**General notes:** Water hazard class 3 (German Regulation) (Self-assessment): extremely hazardous for water. Do not allow product to reach ground water, water course or sewage system, even in small quantities. Danger to drinking water if even extremely small quantities leak into the ground.

**12.5. Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**12.6. No information**

**12.7. Other adverse effects:** No further relevant information available.

**13. DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment methods**

**Recommendation:** Dispose of the incinerator in an orderly landfill in compliance with local, official regulations

**European waste catalogue** 20 01 39 PLASTIC

**Uncleaned packaging:**

**Recommendation:** Disposal must be according to official regulations.

**14. TRANSPORT INFORMATION**

**14.1. UN-Number**

**ADR, AND, IMDG, IATA** not regulated

**14.2. UN proper shipping name**

**ADR, AND, IMDG, IATA** not regulated

**14.3. Transport hazard class(es)**

**ADR, AND, IMDG, IATA**  
**Class** not regulated

**14.4. Packaging group**

**ADR, IMDG, IATA** not regulated

**14.5. Environmental hazards:**

**Marine pollutant** No

**14.6. Special precautions for user**

Not applicable

**15. REGULATORY INFORMATION**

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

No further relevant information available.

**15.2. Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

**16. OTHER INFORMATION**

**Classification according to Regulation (EC) No 1272/2008**

Calculation method

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association  
GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative

#### **Sources**

ECHA (<http://echa.europa.eu/>)

EnviChem ([www.echemportal.org](http://www.echemportal.org))

Data compared to the previous altered. This version replaces all previous versions.

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## **16.2 Date of the latest revision of the SDS**

Revision Date: 08/08/2024

Revision: V4

Next Review Date: 08/08/2027