

## SAFETY DATA SHEET

### CHEMICAL SUBSTANCE / MIXTURE REGULATION (EC) No 1907/2006 AS AMENDED BY REGULATION (EU) No 453/2010

#### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

##### 1.1. Product identifier

Product name	dline Light Curing Adhesive
Chemical name	-

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

Relevant identified uses	Light curing adhesive
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##### 1.3. Details of the supplier of the safety data sheet

Company	UAB "Medicinos linija"
Address	Karaliaučiaus str. 29 LT-78348 Šiauliai, Lithuania
Telephone	+370 41 553 553
E-mail address	<a href="mailto:dental@i-dental.lt">dental@i-dental.lt</a>

##### 1.4. Emergency telephone number

Emergency telephone number (Available only during office hours)	+370 41 553 553
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#### SECTION 2: HAZARDS IDENTIFICATION

##### 2.1. Classification of the substance or mixture

###### 2.1.1. Classification according to Regulation (EC) No 1272/2008 [CLP]

Skin Irrit. 2  
Skin Sens.1  
Flam. Liq. 2  
Eye Irrit. 2  
STOT SE 3

##### 2.2. Label elements

###### 2.2.1. Labelling according to Regulation (EC) No 1272/2008 [CLP]

###### Pictograms



###### Signal word

**Danger**

###### Hazard statements

H315: Causes skin irritation  
H317: May cause an allergic skin reaction  
H225: Highly flammable liquid and vapour  
H319: Causes serious eye irritation  
H336: May cause drowsiness or dizziness  
EUH066: Repeated exposure may cause skin dryness or cracking

###### Precautionary statements (prevention)

P210: Keep away from heat/sparks/open flames/hot surfaces. — No smoking  
P233: Keep container tightly closed.  
P261: Avoid breathing dust/fume/gas/mist/vapours/spray  
P264: Wash hands thoroughly after handling  
P272: Contaminated work clothing should not be allowed out of the workplace  
P280: Wear protective gloves/protective clothing/eye protection/face protection

###### Precautionary statements (response)

P302+P352: IF ON SKIN: Wash with plenty of soap and water

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

P321: Specific treatment (see section 4 on this label).

P333+P313: If skin irritation or rash occurs: Get medical advice/attention.

P362+364: Take off contaminated clothing and wash it before reuse

### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

#### 3.1. Information on hazardous ingredients:

Name	CAS No	EC No	Hazard statement	Content, %
Acetone	67-64-1	200-662-2	H225, H319, H336, EUH066	10-30
2-Hydroxyethyl methacrylate	868-77-9	212-782-2	H315, H317, H319	30-50

### SECTION 4: FIRST AID MEASURES

#### 4.1. Description of first aid measures

##### 4.1.1. General advice

In doubt, consult a physician. Show this safety data sheet to the doctor in attendance.

##### 4.1.2. If inhaled

Remove the casualty from the hazardous area and take him to the fresh air. If not breathing, give artificial respiration. Keep warm and at rest. Refer for immediate medical attention.

##### 4.1.3. In case of skin contact

Take off contaminated clothing. Wash off with plenty of water. If symptoms (irritation) occur obtain medical attention. Wash contaminated clothing before reuse.

##### 4.1.4. In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Refer for immediate medical attention.

##### 4.1.5. If swallowed

Never give anything by mouth to an unconscious person. Take casualty to the hospital. If the person is conscious rinse the mouth and spit the fluids out. **Do NOT induce vomiting.** During spontaneous vomiting hold the head of the casualty low with the body in a prone position in order to avoid the penetration of vomit into the air tube. Refer for immediate medical attention.

#### 4.2. Most important symptoms and effects, both acute and delayed

No data available.

#### 4.3. Indication of any immediate medical attention and special treatment needed

No data available.

### SECTION 5: FIRE FIGHTING MEASURES

#### 5.1. Extinguishing media

Use CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

#### 5.2. Special hazards arising from the substance or mixture

No data available.

#### 5.3. Advice for fire fighters

Can form explosive gas-air mixtures. Formation of toxic gases is possible during heating or in case of fire. Standard procedure for chemical fires.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

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

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

#### 6.2. Environmental precautions

Do not let product enter drains

#### 6.3. Methods and materials for containment and cleaning up

Use personal protective equipment when cleaning. Soak up with liquid-binding material (diatomite, universal binders, for small amounts tissues) and dispose. Keep in suitable, closed containers for disposal.

#### 6.4. Reference to other sections

For disposal see section 13.

### SECTION 7: HANDLING AND STORAGE

#### 7.1. Precautions for safe handling

Avoid contact with eyes and skin. Use personal protective equipment. Keep tightly closed. Keep away from food, drinks and animal feed. Do not eat, drink or smoke when using this product. Protect against electrostatic charges.

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

Keep in cool, well ventilated place. Keep away from heat and direct sunlight. Storage temperature: Preferably not exceeding 28°C.

#### 7.3. Specific end uses

Dental use only.

### SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

#### 8.1. Control parameters

**8.1.1. Exposure limit values**

No exposure guidelines have been established for mixture. ACGIH, NIOSH and OSHA have not developed exposure limits for this product.

SUBSTANCE	CAS No.	WEL Short-term value	WEL Long-term value
Acetone	67-64-1	3620 mg/m <sup>3</sup> , 1500 ppm	1210m <sup>3</sup> , 500 ppm

**8.2. Exposure controls**

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded. Storage properly (p.7). Preventive medical check-ups should be arranged.

**8.2.1. Appropriate engineering controls**

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

**8.2.2. Personal protective equipment****8.2.2.1. Eye/face protection**

Wear eye / face protection equipment. Safety glasses with side-shields, conforming to EN 166.

**8.2.2.2. Hand protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. For the permanent contact in work areas without heightened risk of injury (e.g. laboratory) gloves made of the following material are suitable: PVC or PE gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

**8.2.2.3. Skin protection**

Keep working clothes separately. Take off contaminated clothing immediately. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**8.2.2.4. Respiratory protection**

Not necessary with efficient local exhaust. If exposition to vapours is possible, use breathing protective mask (filter A).

**8.2.3. Environmental exposure controls**

Do not let enter the environment.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1. Information on basic physical and chemical properties**

Appearance	yellowish liquid
Odour	specific of acetone
Boiling point	no data available
Flash point	no data available
Water miscibility	partly miscible
Self-ignition	product is not self-igniting
Danger of explosion	product is not explosive. However, formation of explosive air/vapour mixtures is possible

**SECTION 10: STABILITY AND REACTIVITY****10.1. Reactivity**

No data available.

**10.2. Chemical stability**

Stable under recommended storage conditions.

**10.3. Possibility of hazardous reactions**

No data available.

**10.4. Conditions to avoid**

Protect from heat and direct sunlight.

**10.5. Incompatible materials**

No data available.

**10.6. Hazard decomposition products**

No data available.

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1. Information on toxicological effects****11.1.1. Acute toxicity**

No data available.

**11.1.2. Skin corrosion/irritation**

May cause skin irritation.

**11.1.3. Serious eye damage/eye irritation**

May cause eye irritation.

**11.1.4. Respiratory or skin sensitization**

May cause allergic skin reactions.

**11.1.5. Germ cell mutagenicity**

No data available.

**11.1.6. Carcinogenicity**

IARC: No components of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**11.1.7. Reproductive toxicity**

No data available.

**11.1.8. Specific target organ toxicity - single exposure**

No data available.

**11.1.9. Specific target organ toxicity - repeated exposure**

No data available.

**11.1.10. Aspiration hazard**

No data available.

**11.1.11. Additional Information**

None of effects are likely to occur in humans, provided exposure is maintained at or below occupational exposure limit.

**SECTION 12: ECOLOGICAL INFORMATION****12.1. Ecotoxicity**

No data available

**12.2. Persistence and degradability**

No data available

**12.3. Bioaccumulative potential**

No data available

**12.4. Mobility in soil**

No data available

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

No data available

**12.6. Other adverse effects**

No data available

**SECTION 13: DISPOSAL CONSIDERATIONS****13.1. Waste treatment methods**

Disposal should be in accordance with local, state or national legislation. Offer surplus and non-recyclable solutions to a licensed disposal company. Contaminated packaging dispose of as unused product. Do not remove the information from package.

**SECTION 14: TRANSPORT INFORMATION****14.1. AIR TRANSPORT (IATA)**

UN/ID number: UN1993

Proper shipping name: FLAMMABLE LIQUID, N.O.S.

Particulars in the shipper's declaration: UN1993, FLAMMABLE LIQUID N.O.S. (ACETONE SOLUTION), 3, II

Hazard class: 3

Packing group: II

Special Provisions: A3

Danger label(s):

**14.2. LAND TRANSPORT (ADR/RID)**

UN/ID number: UN1993

Transport document description: UN1993, FLAMMABLE LIQUID N.O.S. (ACETONE SOLUTION), 3, II

Transport category: 2

Packing group (ADR): II

Hazard class (ADR): 3 - Flammable liquid

Tunnel restriction code: D/E

Danger label(s):

**14.3. MARINE TRANSPORT (IMDG)**

UN/ID number: UN1993

Transport document description: UN1993, FLAMMABLE LIQUID N.O.S. (ACETONE SOLUTION), 3, II

Hazard class (IMDG): 3 - Flammable liquid

EmS-No. (1): F-E

EmS-No. (2): S-E

Danger label(s):



## SECTION 15: REGULATORY INFORMATION

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

This safety datasheet complies with the requirements of Regulation (EC) No 1907/2006 as amended by Regulation (EU) No 453/2010.

Other Regulations: EINECS: Components of mixture are on the European Inventory of Existing Commercial Chemical Substances.

This safety data sheet information is not a professional risk assessment.

### 15.2. Chemical Safety Assessment

No data available.

## SECTION 16: OTHER INFORMATION

16.1. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

16.2. UAB „Medicinos linija“ shall not be held liable for any damage resulting from handling or from contact with the above product.

16.3. The product should not be used for purposes other than specified in p.7.3 purposes.

16.4. User is responsible for the legal, regulatory compliance.

16.5. References to the changes that have been made in comparison with 2016-11-02 version: whole document.

16.6. Abbreviations and acronyms used in the safety data sheet:

16.6.1. EC – European Commission

16.6.2. GHS – Globally Harmonized System

16.6.3. CLP – Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008

16.6.4. CAS No – Chemical Abstracts Service number

16.6.5. EC No – EINECS and ELINCS Number (see also EINECS and ELINCS)

16.6.6. PBT - Persistent, Bio accumulative and toxic substance

16.6.7. vPvB – Very Persistent and Very Bio accumulative

16.6.8. ADR – European Agreement concerning the International Carriage of Dangerous Goods by Road

16.6.9. UN – United Nations

16.6.10. LC50 – Lethal Concentration to 50 % of a test population

16.6.11. LD50 – Lethal Dose to 50% of a test population (Median Lethal Dose)

16.7. Key literature references and sources for data: <http://echa.europa.eu>.

16.8. List of relevant hazard statements, safety phrases and/or precautionary statements full text:

#### Signal word: **Danger**

H315: Causes skin irritation

H317: May cause an allergic skin reaction

H225: Highly flammable liquid and vapour

H319: Causes serious eye irritation

H336: May cause drowsiness or dizziness

EUH066: Repeated exposure may cause skin dryness or cracking

P210: Keep away from heat/sparks/open flames/hot surfaces. — No smoking

P233: Keep container tightly closed.

P261: Avoid breathing dust/fume/gas/mist/vapours/spray

P264: Wash hands thoroughly after handling

P272: Contaminated work clothing should not be allowed out of the workplace

P271: Use only outdoors or in a well-ventilated area

P242: Use only non-sparking tools

P280: Wear protective gloves/protective clothing/eye protection/face protection

P302+P352: IF ON SKIN: Wash with plenty of soap and water

P303 + P361 + P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

P312: Call a POISON CENTER or doctor if you feel unwell

P321: Specific treatment (see section 4 on this label)

P333+P313: If skin irritation or rash occurs: Get medical advice/attention

P362+P364: Take off contaminated clothing and wash it before reuse

P370+P378: In case of fire: Use (see section 5) to extinguish

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

P501: Dispose of contents/container to (see section 13)

16.9. Training advice: How to properly handle chemical substances / mixtures employees must be trained in accordance with national requirements.