SAFETY DATA SHEET
according to Regulation (EC) No. 453/2010
Dental Use

Ultrasep™ III

SECTION 1: Identification of the substance/preparation and of the company/undertaking

1.1. Product identifier
Product code : F/G 176
Product name : Ultrasep™ III
Product description : Mold Release

1.2. Relevant identified uses of the substance or mixture and uses advised against
Relevant identified uses : Dental Laboratory Mold Release

1.3. Details of the supplier of the safety data sheet
Manufacturer
Ultradent Products, Inc.
505 W. Ultradent Drive (10200 South)
South Jordan, UT 84095

EC Responsible Person
Ultradent Products GmbH
Am Westhover Berg 30
51149 Cologne Germany
Email: infoDE@ultradent.com
Emergency Phone : +49(0)2203-35-92-0

1.4. Emergency telephone number

CHEMTREC (NORTH AMERICA) : (800) 424 - 9300
(INTERNATIONAL) : +1(703) 527 - 3887

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification according to Regulation(EC) No 1272/2008 [CLP]

Physical : Flammable Gases, Category 1

2.2. Label elements
Classification according to Regulation(EC) No 1272/2008 [CLP]

Hazard pictogram(s) : Flame Gas cylinder

Signal Word : DANGER

Hazard statement(s) : H220: Extremely flammable gas.
H280: Contains gas under pressure; may explode if heated.

Precautionary statement(s)
Prevention : P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233: Keep container tightly closed.
P240: Ground and bond container and receiving equipment.
P241: Use explosion-proof [electrical/ventilating/lighting/] equipment.
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Ultradent Products, Inc.

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2.3. Other hazards
Conclusion: The substance does not fulfill the PBT and vPvB criteria for screening assessment; there are no indications of P or B properties.

SECTION 3: Composition / information on ingredients

3.1. Substances
Not Applicable

3.2. Mixtures

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS</th>
<th>EINECS No.</th>
<th>Wt.%</th>
<th>Classification according to Regulation(EC) No 1272/2008 [CLP]</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,1-difluoroethane</td>
<td>75-37-6</td>
<td>200-866-1</td>
<td>&lt; 65</td>
<td>Flam. Gas,Cat. 1; Liq. Gas.; H220; H280</td>
</tr>
<tr>
<td>Dimethyl Ether</td>
<td>115-10-6</td>
<td>204-065-8</td>
<td>&lt; 30</td>
<td>Flam. Gas,Cat. 1; H220</td>
</tr>
</tbody>
</table>

For full text of H-statements: see SECTION 16.

SECTION 4: First aid measures

4.1. Description of first aid measures
Following eyes       : Flush eye with water for 15 minutes. Get medical attention.
Following skin       : Remove contaminated clothing immediately. Flush skin with shower.
Following ingestion  : No special measures required.
Following inhalation : Rest in the fresh air and seek medical advice if necessary.

4.2. Most important symptoms and effects, both acute and delayed
Eyes                 : Causes eye irritation.
Skin                 : May cause burning sensation.
Ingestion            : None expected for this product.
Inhalation           : High concentration of vapor is harmful.
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4.3. Indication of any immediate medical attention and special treatment needed

Notes to physician: NAP

SECTION 5: Fire fighting measures

5.1. Extinguishing media
Extinguishing media: Water spray, alcohol-resistant foam, dry chemical or carbon dioxide

5.2. Special hazards arising from the substance or mixture
Hazardous combustion products: Carbon dioxide
Explosion hazards: May explode when heated. Container explosion may occur under fire conditions.
Fire explosion: Container may explode if heated above 51.66° C (125° F).

5.3. Advice for firefighters
Fire fighting procedures: General: Evacuate all personnel; use protective equipment for fire-fighting. Use self-contained breathing apparatus when the product is involved in fire.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
General procedures: Refer to Section 8 for Personal Protective Equipment.

6.2. Environmental precautions
Water spill: Do not allow to enter sewers or drains that may lead to waterways.

6.3. Methods and material for containment and cleaning up
Large Spill: Eliminate all sources of ignition. Evacuate unprotected and untrained personnel from hazard area. Ventilate area with fresh air. Collect in approved disposal container.

6.4. Reference to other sections
Reference to other sections: NAP

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Handling: Keep away from heat, sparks and flame.
Storage: See product labeling.

7.2. Conditions for safe storage, including any incompatibilities
Shelf life: See product labeling

7.3. Specific end use(s)
Specific end use(s): Dental Laboratory Mold Release

SECTION 8: Exposure controls / personal protection

8.1. Control parameters
Control parameters: 1,1-Difluoroethane CAS 75-37-6
WEEL: 1,000 ppm TWA
8.2. Exposure controls

Eye/face protection : Wear eye protection.
Skin protection : Wear suitable protective clothing and gloves.
Respiratory protection : Good general ventilation should be sufficient to control airborne levels. In case of insufficient ventilation, wear suitable respiratory equipment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Aerosol
Colour : Colorless
Odour : Slight ether odor
Solubility in water : Negligible

9.2. Other information

Additional information : No further relevant information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity : Stable

10.2. Chemical stability

Chemical stability : Stable when stored and handled under recommended conditions.

10.3. Possibility of hazardous reactions

Hazardous polymerization : None

10.4. Conditions to avoid

Conditions to avoid : Heat, flames, and ignition sources

10.5. Incompatible materials

Incompatible materials : Not determined

10.6. Hazardous decomposition products

Hazardous decomposition products : Carbon dioxide

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute
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<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Dermal LD$_{50}$</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimethyl Ether</td>
<td>1500 to 2500 mg/kg (Rat)</td>
</tr>
</tbody>
</table>

Oral LD$_{50}$: Not determined
Inhalation LC$_{50}$: Not determined
Germ cell mutagenicity: The components in this product are not reported to produce mutagenic effects in humans.
Carcinogenicity: None of the components of this material are listed by IARC, NTP, or CA Prop 65 as carcinogens.
Reproductive toxicity: The components in this product are not reported to cause reproductive effects in humans.

SECTION 12: Ecological information

12.1. Toxicity
Aquatic toxicity (acute): Do not allow to enter sewers or drains that may lead to waterways.

12.2. Persistence and degradability
Persistence and degradability: Not classified

12.3. Bioaccumulative potential
Bioaccumulative potential: Not classified

12.4. Mobility in soil
Mobility in soil: Not available

12.5. Results of PBT and vPvB assessment
Results of PBT and vPvB assessment: Conclusion: The substance does not fulfill the PBT and vPvB criteria for screening assessment; there are no indications of P or B properties.

12.6. Other adverse effects
Environmental data: No further relevant information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

SECTION 14: Transport information

14.1. UN number
UN number: 1964

14.2. UN proper shipping name
UN proper shipping name: Hydrocarbon Gas Mixture, Compressed, n.o.s(Diflouroethane, Dimethyl Ether Mixture)

14.3. Transport hazard class(es)
Ultrasep™ III

Hazard classification : 2.1

14.4. Packing group
Packing group : NAP

14.5. Environmental hazards
Marine pollutant #1 : NAP

14.6. Special precautions for user
ADR - road : NAP
RID - rail : NAP
IMDG - sea : NAP
IATA - air : NAP

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
Transport in bulk : NAP

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
General information : European Substances of very high concern (SVHC) according to REACH, Article 57: Contains no SVHC Substances.
All of the raw materials listed on the composition table are on the Canadian DSL list.

15.2. Chemical safety assessment
Chemical safety assessment : See Section 11
Additional information : None of the ingredients are listed as a carcinogen by IARC, NTP, or CA Prop 65.

SECTION 16: Other information

Relevant H-statements (number and full-text) : Flam. Gas, Cat. 1: Flammable Gases, Category 1
Liq. Gas.: Liquefied Gases,
H220: Extremely flammable gas.
H280: Contains gas under pressure; may explode if heated.

Prepared by : Anu Kattoju

Revision summary : This SDS replaces the 06/30/2015 SDS. Revised: Section 1: Date-Revised.

General statements : NAP = Not Applicable
NE = Not Established
TLV = Threshold Limit Value
PEL = Permittable exposure limits
MAK = Maximum Workplace Concentration
STEL = Short-term exposure limit
STEV = Short-term exposure value
TWA = Time Weighted Average
PPE = Personal Protective Equipment

Additional SDS information : Revision #:1
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Manufacturer disclaimer

: FOR DENTAL USE ONLY: Use as directed. The information and recommendations are taken from sources (raw material SDS(s) and manufacturer's knowledge) believed to be accurate; however, the manufacturer, makes no warranty with respect to the accuracy of the information or the suitability of the recommendation and assumes no liability to any user thereof. Each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.