This SDS packet was issued with item:
077082712

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

077082720 077082738
1 Identification of the substance/mixture and of the company/undertaking

- Product identifier
- Trade name: Cervitec Plus
- Relevant identified uses of the substance or mixture and uses advised against
- Application of the substance / the preparation Protective varnish
- Details of the supplier of the safety data sheet
- Manufacturer/Supplier:
  Ivoclar Vivadent Inc.
  175 Pineview Drive, Amherst, N.Y. 14228
  USA
  Tel. +1 800 533 6825
  Fax +1 716 691 2285

  Ivoclar Vivadent Inc.
  2785 Skymark Avenue, Unit 1, Mississauga, Ontario L4W4Y3
  CANADA
  Tel. +1 800 263 8182
  Fax +1 905 238 5711

- Information department: Quality Assurance / Regulatory Affairs
- Emergency telephone number:
  24 Hour Emergency Assistance:
  Emergency-Call USA - Infotrac: 1-800-535-5053
  Emergency-Call Canada - Canutec: 1-613-996-6666

General MSDS Assistance:
US: 1-800-533-6825
Canada: 1-800-263-8182

2 Composition/information on ingredients

- Chemical characterization: Mixtures
- Description: Mixture of the substances listed below with nonhazardous additions.

| Dangerous components: |  |
|-----------------------|--|---|---|
| 64-17-5 ethanol       | H225 | 50-100% |
| 89-83-8 thymol        | H314; H411; H302 | ≤ 2.5% |
| 56-95-1 chlorhexidine diacetate | H318; H411; H401 | ≤ 2.5% |

3 Hazards identification

- Classification of the substance or mixture
  - Classification according to Directive 67/548/EEC or Directive 1999/45/EC
    Highly flammable

- Information concerning particular hazards for human and environment:
  The product has to be labelled due to the calculation procedure of international guidelines.

- Classification system:
  The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

- Label elements
  - Labelling according to EU guidelines:
    The product has been classified and marked in accordance with directives on hazardous materials.

(Contd. on page 2)
Trade name: **Cervitec Plus**

- **Code letter and hazard designation of product:**
  - Highly flammable

- **Risk phrases:**
  - Highly flammable.

- **Safety phrases:**
  - Keep container tightly closed and in a well-ventilated place.
  - Keep away from sources of ignition - No smoking.
  - Take precautionary measures against static discharges.
  - This material and its container must be disposed of as hazardous waste.

- **Classification system:**
  - **NFPA ratings (scale 0 - 4)**
    - Health = 0
    - Fire = 2
    - Reactivity = 0
  - **HMIS-ratings (scale 0 - 4)**
    - Health = 0
    - Fire = 2
    - Reactivity = 0

- **Other hazards**
  - **Results of PBT and vPvB assessment**
    - PBT: Not applicable.
    - vPvB: Not applicable.

**4 First aid measures**

- **Description of first aid measures**
  - **After inhalation:** Supply fresh air; consult doctor in case of complaints.
  - **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
  - **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
  - **After swallowing:** If symptoms persist consult doctor.
  - **Information for doctor:**
    - Most important symptoms and effects, both acute and delayed: No further relevant information available.
    - Indication of any immediate medical attention and special treatment needed: No further relevant information available.

**5 Firefighting measures**

- **Extinguishing media**
  - **Suitable extinguishing agents:**
    - CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
  - **For safety reasons unsuitable extinguishing agents:** Water with full jet
  - **Special hazards arising from the substance or mixture:** No further relevant information available.
  - **Advice for firefighters**
  - **Protective equipment:** No special measures required.
  - **Additional information** Cool endangered receptacles with water spray.
Trade name: Cervitec Plus

6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures
  Wear protective equipment. Keep unprotected persons away.
- Environmental precautions: Do not allow to enter sewers/surface or ground water.
- Methods and material for containment and cleaning up:
  Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
  Ensure adequate ventilation.
- Reference to other sections
  See Section 7 for information on safe handling.
  See Section 8 for information on personal protection equipment.
  See Section 13 for disposal information.

7 Handling and storage

- Handling:
  Only adequately trained personnel should handle this product.
  Keep ignition sources away - Do not smoke.
  Protect against electrostatic charges.
- Conditions for safe storage, including any incompatibilities
  - Storage:
    - Requirements to be met by storerooms and receptacles: Store in a cool location.
    - Information about storage in one common storage facility: Not required.
    - Further information about storage conditions:
      Keep receptacle tightly sealed.
      Store in cool, dry conditions in well sealed receptacles.
- Specific end use(s)
  No further relevant information available.

8 Exposure controls/personal protection

- Additional information about design of technical systems: No further data; see item 7.
- Control parameters
- Components with limit values that require monitoring at the workplace:
  64-17-5 ethanol

<table>
<thead>
<tr>
<th>Component</th>
<th>PEL</th>
<th>REL</th>
<th>Short-term value</th>
</tr>
</thead>
<tbody>
<tr>
<td>64-17-5 ethanol</td>
<td>1900 mg/m³, 1000 ppm</td>
<td>1900 mg/m³, 1000 ppm</td>
<td>1880 mg/m³, 1000 ppm</td>
</tr>
</tbody>
</table>
- Additional information: The lists that were valid during the creation were used as basis.
- Exposure controls
- Personal protective equipment:
  - General protective and hygienic measures:
    - Usual hygienic measures for dental practice.
    - Wash hands before breaks and at the end of work.
    - Keep away from foodstuffs, beverages and feed.
- Breathing equipment: Not required.
- Protection of hands:
  - Protective gloves
    - The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **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. As the product is a preparation of several substances, the resistance of the glove material can not 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:**
  Tightly sealed goggles

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### 9 Physical and chemical properties

- **Information on basic physical and chemical properties**
  **General Information**
  **Appearance:**
  - Form: Fluid
  - Color: Colorless
  - Odor: Like alcohol
  - Odour threshold: Not determined.

<table>
<thead>
<tr>
<th>pH-value:</th>
<th>Not determined.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Change in condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melting point/Melting range: Undetermined.</td>
</tr>
<tr>
<td>Boiling point/Boiling range: Undetermined.</td>
</tr>
</tbody>
</table>

- **Flash point:** 12°C (54°F)

- **Ignition temperature:** 425°C (797°F)

- **Auto igniting:** Product is not selfigniting.

- **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapor mixtures are possible.

<table>
<thead>
<tr>
<th>Explosion limits:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lower: 3.5 Vol %</td>
</tr>
<tr>
<td>Upper: 15.0 Vol %</td>
</tr>
</tbody>
</table>

- **Vapor pressure at 20°C (68°F):** 59 hPa (44 mm Hg)

- **Density at 20°C (68°F):** 0.84 g/cm³ (7.01 lbs/gal)

<table>
<thead>
<tr>
<th>Relative density:</th>
<th>Not determined.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vapour density:</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Evaporation rate:</td>
<td>Not determined.</td>
</tr>
</tbody>
</table>

- **Solubility in / Miscibility with Water:** Partly miscible.

- **Segregation coefficient (n-octonol/water):** Not determined.

- **Viscosity:**
  - Dynamic: Not determined.
Trade name: Cervitec Plus

10 Stability and reactivity
- Reactivity: No further relevant information available.
- Chemical stability: Stable under normal handling and storage conditions.
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- Possibility of hazardous reactions: No dangerous reactions known.
- Conditions to avoid: No further relevant information available.
- Incompatible materials: No further relevant information available.
- Hazardous decomposition products: None under normal conditions of storage and use.

11 Toxicological information
- Information on toxicological effects
  - Acute toxicity:
    - Primary irritant effect:
      - on the skin: No irritant effect.
      - on the eye: No irritating effect.
    - Sensitization: No sensitizing effects known.

12 Ecological information
- Toxicity
  - Aquatic toxicity: No further relevant information available.
  - Persistence and degradability: No further relevant information available.
- Behavior in environmental systems:
  - Bioaccumulative potential: No further relevant information available.
  - Mobility in soil: No further relevant information available.
- Additional ecological information:
  - General notes:
    - Water hazard class 1 (Self-assessment): slightly hazardous for water
    - Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
  - Results of PBT and vPvB assessment
    - PBT: Not applicable.
    - vPvB: Not applicable.
  - Other adverse effects: No further relevant information available.

13 Disposal considerations
- Waste treatment methods
- Recommendation:
  - Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- Uncleaned packagings:
- Recommendation: Disposal must be made according to official regulations.
14 Transport information

- **DOT regulations:**
  - Hazard class: 3
  - Identification number: UN1170
  - Packing group: II
  - Proper shipping name (technical name): ETHANOL SOLUTION
  - Label: 3

- **Land transport ADR/RID (cross-border):**
  - ADR/RID class: 3 (F1) Flammable liquids
  - Danger code (Kemler): 33
  - UN-Number: 1170
  - Packaging group: II
  - Label: 3
  - UN proper shipping name: 1170 ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

- **Maritime transport IMDG:**
  - IMDG Class: 3
  - UN Number: 1170
  - Label: 3
  - Packaging group: II
  - EMS Number: F-E,S-E
  - Marine pollutant: No
  - Proper shipping name: ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

- **Air transport ICAO-TI and IATA-DGR:**
  - ICAO/IATA Class: 3
  - UN/ID Number: 1170
  - Label: 3
  - Packaging group: II
  - Proper shipping name: ETHANOL SOLUTION

**Special precautions for user** Warning: Flammable liquids
- Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.

(Contd. on page 7)
### 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
  - **Sara**
    - **Section 355 (extremely hazardous substances):**
      - None of the ingredients is listed.
    - **Section 313 (Specific toxic chemical listings):**
      - None of the ingredients is listed.
  - **TSCA (Toxic Substances Control Act):**
    - 64-17-5 ethanol
    - 7732-18-5 water, distilled, conductivity or of similar purity
    - 89-83-8 thymol
  - **Proposition 65**
    - **Chemicals known to cause cancer:**
      - None of the ingredients is listed.
    - **Chemicals known to cause reproductive toxicity for females:**
      - None of the ingredients is listed.
    - **Chemicals known to cause reproductive toxicity for males:**
      - None of the ingredients is listed.
    - **Chemicals known to cause developmental toxicity:**
      - 64-17-5 ethanol
  - **Carcinogenic categories**
    - **EPA (Environmental Protection Agency)**
      - None of the ingredients is listed.
    - **NTP (National Toxicology Program)**
      - None of the ingredients is listed.
    - **TLV (Threshold Limit Value established by ACGIH)**
      - 64-17-5 ethanol A3
    - **NIOSH-Ca (National Institute for Occupational Safety and Health)**
      - None of the ingredients is listed.
    - **OSHA-Ca (Occupational Safety & Health Administration)**
      - None of the ingredients is listed.
  - **Product related hazard informations:**
    - The product has been classified and marked in accordance with directives on hazardous materials.
  - **Hazard symbols:**
    - ![Highly flammable](image)
    - **Highly flammable**
  - **Risk phrases:**
    - **Highly flammable.**
  - **Safety phrases:**
    - Keep container tightly closed and in a well-ventilated place.
    - Keep away from sources of ignition - No smoking.
    - Take precautionary measures against static discharges.
    - This material and its container must be disposed of as hazardous waste.
Trade name: **Cervitec Plus**

- **National regulations:**

  - **Other regulations, limitations and prohibitive regulations**
    The product is a medical device according to the EC-directive 93/42/EEC.

  This product is classified as a medical device under US and Canadian regulations and has been reviewed by
  the US Food and Drug Administration and Health Canada.

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

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**16 Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any
specific product features and shall not establish a legally valid contractual relationship.
1 Identification

- Product identifier
- Trade name: Cervitec Plus
- Relevant identified uses of the substance or mixture and uses advised against
  - No further relevant information available.
- Application of the substance / the mixture: Protective varnish
- Details of the supplier of the safety data sheet
  - Manufacturer/Supplier:
    - Ivoclar Vivadent Inc.
      175 Pineview Drive, Amherst, N.Y. 14228
      USA
      Tel. +1 800 533 6925
      Fax +1 716 691 2285
    - Ivoclar Vivadent Inc.
      1-6600 Dixie Road
      Mississauga, Ontario
      L5T 2Y2
      Canada
      Phone: +1 905 670 8499
      Fax: +1 905 670 3102
- Information department: Quality Assurance / Regulatory Affairs
- Emergency telephone number:
  - 24 Hour Emergency Assistance:
    - Emergency-Call USA - Infotrac: 1-800-535-5053
    - Emergency-Call Canada - Canutec: 1-613-996-6666
  - General SDS Assistance:
    - US: 1-800-533-6825
    - Canada: 1-800-263-8182

2 Hazard(s) identification

- Classification of the substance or mixture
  - Flam. Liq. 2 H225 Highly flammable liquid and vapor.
  - Skin Irrit. 2 H315 Causes skin irritation.
  - Eye Irrit. 2A H319 Causes serious eye irritation.
  - Carc. 1A H350 May cause cancer.
- Label elements
  - GHS label elements
    - The product is classified and labeled according to the Globally Harmonized System (GHS).
- Hazard pictograms
  - GHS02
  - GHS07
  - GHS08
- Signal word: Danger
- Hazard-determining components of labeling:
  - ethanol

(Contd. on page 2)
Trade name: Cervitec Plus

- **Hazard statements**
  Highly flammable liquid and vapor.
  Causes skin irritation.
  Causes serious eye irritation.
  May cause cancer.
- **Precautionary statements**
  Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
  Avoid breathing dust/fume/gas/mist/vapors/spray.
  Wear protective gloves/protective clothing/eye protection/face protection.
  Keep container tightly closed.
  If skin irritation or rash occurs: Get medical advice/attention.
  If eye irritation persists: Get medical advice/attention.
- **Additional information:**
  Medical devices are exempt from the labeling provisions of GHS according to the Hazard Communication Standard (HCS).
- **Classification system:**
  - **NFPA ratings (scale 0 - 4)**
    Health = 1
    Fire = 2
    Reactivity = 0
  - **HMIS-ratings (scale 0 - 4)**
    HEALTH
    Health = 1
    Fire = 2
    Reactivity = 0
  - **Other hazards**
  - **Results of PBT and vPvB assessment**
    - **PBT:** Not applicable.
    - **vPvB:** Not applicable.

* 3 Composition/information on ingredients

  - **Chemical characterization:** Mixtures
  - **Description:** Mixture of the substances listed below with nonhazardous additions.

  - **Dangerous components:**
    | Substance            | Concentration |
    |----------------------|--------------|
    | 64-17-5 ethanol      | 50-100%      |
    | 89-83-8 thymol       | 1-<2.5%      |
    | 56-95-1 chlorhexidine diacetate | 1-<2.5% |

4 First-aid measures

  - **Description of first aid measures**
  - **After inhalation:** Supply fresh air; consult doctor in case of complaints.
  - **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
  - **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
  - **After swallowing:** If symptoms persist consult doctor.
  - **Information for doctor:**
    - **Most important symptoms and effects, both acute and delayed** No further relevant information available.
5 Fire-fighting measures

- Extinguishing media
  - Suitable extinguishing agents:
    - CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
  - For safety reasons unsuitable extinguishing agents: Water with full jet
  - Special hazards arising from the substance or mixture: No further relevant information available.

- Advice for firefighters
  - Protective equipment: No special measures required.
  - Additional information: Cool endangered receptacles with water spray.

6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures
  - Wear protective equipment. Keep unprotected persons away.

- Environmental precautions: Do not allow to enter sewers/surface or ground water.

- Methods and material for containment and cleaning up:
  - Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
  - Ensure adequate ventilation.

- Reference to other sections
  - See Section 7 for information on safe handling.
  - See Section 8 for information on personal protection equipment.
  - See Section 13 for disposal information.

7 Handling and storage

- Handling:
  - Precautions for safe handling: Only adequately trained personnel should handle this product.

- Information about protection against explosions and fires:
  - Keep ignition sources away - Do not smoke.
  - Protect against electrostatic charges.

- Conditions for safe storage, including any incompatibilities

- Storage:
  - Requirements to be met by storerooms and receptacles: Store in a cool location.
  - Information about storage in one common storage facility: Not required.
  - Further information about storage conditions:
    - Keep receptacle tightly sealed.
    - Store in cool, dry conditions in well sealed receptacles.
  - Specific end use(s): No further relevant information available.

8 Exposure controls/personal protection

- Additional information about design of technical systems: No further data; see item 7.

- Control parameters

- Components with limit values that require monitoring at the workplace:

  64-17-5 ethanol

  PEL: Long-term value: 1900 mg/m³, 1000 ppm
Safety Data Sheet
acc. to OSHA HCS

Trade name: Cervitec Plus

<table>
<thead>
<tr>
<th>REL</th>
<th>Long-term value: 1900 mg/m³, 1000 ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>TLV</td>
<td>Short-term value: 1880 mg/m³, 1000 ppm</td>
</tr>
</tbody>
</table>

- Additional information: The lists that were valid during the creation were used as basis.
- Exposure controls
  - Personal protective equipment:
  - General protective and hygienic measures:
    - Usual hygienic measures for dental practice.
    - Wash hands before breaks and at the end of work.
    - Keep away from foodstuffs, beverages and feed.
  - Breathing equipment:
    - Not required.
    - In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
  - Protection of hands:
    - Protective gloves
    - The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
    - Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
    - Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
  - 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. As the product is a preparation of several substances, the resistance of the glove material can not 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

- Information on basic physical and chemical properties
- General Information
- Appearance:
  - Form: Fluid
  - Color: Colorless
  - Odor: Like alcohol
  - Odour threshold: Not determined.
- pH-value: Not applicable.
- Change in condition
  - Melting point/Melting range: Undetermined.
  - Boiling point/Boiling range: Undetermined.
- Flash point: 12 °C (54 °F)
- Ignition temperature: 425 °C (797 °F)
10 Stability and reactivity

- **Reactivity**: No further relevant information available.
- **Chemical stability**: Stable under normal handling and storage conditions.
- **Thermal decomposition / conditions to be avoided**: No decomposition if used according to specifications.
- **Possibility of hazardous reactions**: No dangerous reactions known.
- **Conditions to avoid**: No further relevant information available.
- **Incompatible materials**: No further relevant information available.
- **Hazardous decomposition products**: None under normal conditions of storage and use.

11 Toxicological information

- **Information on toxicological effects**
  - **Acute toxicity**:
    - **Primary irritant effect**:
      - **on the skin**: No irritant effect.
      - **on the eye**: No irritating effect.
    - **Sensitization**: No sensitizing effects known.
  - **Additional toxicological information**:
  - **Carcinogenic categories**
    - **IARC (International Agency for Research on Cancer)**
      - 64-17-5 ethanol
    - **NTP (National Toxicology Program)**
      - None of the ingredients is listed.
12 Ecological information

- **Toxicity**
  - Aquatic toxicity: No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behavior in environmental systems:**
  - Bioaccumulative potential No further relevant information available.
  - Mobility in soil No further relevant information available.
- **Additional ecological information:**
  - **General notes:**
    Water hazard class 1 (Self-assessment): slightly hazardous for water
    Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
  - **Results of PBT and vPvB assessment**
    - PBT: Not applicable.
    - vPvB: Not applicable.
  - **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
  - **Recommendation:** Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
  - **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- **UN-Number**
  - DOT UN1170
  - ADR, IMDG, IATA 1170
- **UN proper shipping name**
  - ADR 1170 ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
  - IMDG ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
  - IATA ETHANOL SOLUTION
- **Transport hazard class(es)**
  - **DOT**
    - **Class** 3 Flammable liquids
### Trade name: Cervitec Plus

#### Label

- **ADR**
- **Class:** 3
  - **Label:** 3 (F1) Flammable liquids

#### IMDG, IATA

- **Class:** 3
  - **Label:** Flammable liquids

- **Packing group**
  - **DOT, ADR, IMDG, IATA:** II

- **Environmental hazards:**
  - **Marine pollutant:** No

- **Special precautions for user**
  - **Warning:** Flammable liquids
  - **Danger code (Kemler):** 33

- **EMS Number:** F-E,S-E

- **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**
  - Not applicable.

- **UN "Model Regulation":**
  - UN1170, Ethanol solutions (Ethyl alcohol solutions), 3, II

### 15 Regulatory information

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

  **Sara**

  - **Section 355 (extremely hazardous substances):**
    - None of the ingredients is listed.

  - **Section 313 (Specific toxic chemical listings):**
    - None of the ingredients is listed.

  - **TSCA (Toxic Substances Control Act):**
    - 64-17-5 ethanol
    - 7732-18-5 water, distilled, conductivity or of similar purity
    - 89-83-8 thymol

- **Proposition 65**

  - **Chemicals known to cause cancer:**
    - None of the ingredients is listed.

  - **Chemicals known to cause reproductive toxicity for females:**
    - None of the ingredients is listed.
Safety Data Sheet  
acc. to OSHA HCS

Trade name: Cervitec Plus

- **Chemicals known to cause reproductive toxicity for males:**
  None of the ingredients is listed.

- **Chemicals known to cause developmental toxicity:**
  64-17-5 ethanol

- **Carcinogenic categories**
  - **EPA (Environmental Protection Agency)**
    None of the ingredients is listed.
  
  - **TLV (Threshold Limit Value established by ACGIH)**
    64-17-5 ethanol A3

- **NIOSH-Ca (National Institute for Occupational Safety and Health)**
  None of the ingredients is listed.

- **GHS label elements**
  The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms**
  GHS02
  GHS07
  GHS08

- **Hazard-determining components of labeling:**
  - **ethanol**

- **Hazard statements**
  Highly flammable liquid and vapor.
  Causes skin irritation.
  Causes serious eye irritation.
  May cause cancer.

- **Precautionary statements**
  Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
  Avoid breathing dust/fume/gas/mist/vapors/spray
  Wear protective gloves/protective clothing/eye protection/face protection.
  Keep container tightly closed.
  If skin irritation or rash occurs: Get medical advice/attention.
  If eye irritation persists: Get medical advice/attention.

- **National regulations:**
  - **Other regulations, limitations and prohibitive regulations**
    The product is a medical device according to the Directive 93/42/EEC.
    This product is classified as a medical device under US and Canadian regulations and has been reviewed by the US Food and Drug Administration and Health Canada.
  
  - **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

**16 Other information**
This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Date of preparation / last revision** 05/19/2015 / 7

- **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

Obtained by Global Safety Management, www.globalsafetynet.com (877) 683-7460
**Trade name: Cervitec Plus**

| DOT: US Department of Transportation |
| IATA: International Air Transport Association |
| ACGIH: American Conference of Governmental Industrial Hygienists |
| 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) |
| NFPA: National Fire Protection Association (USA) |
| HMIS: Hazardous Materials Identification System (USA) |
| VOC: Volatile Organic Compounds (USA, EU) |
| Flam. Liq. 2: Flammable liquids, Hazard Category 2 |
| Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2 |
| Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A |
| Carc. 1A: Carcinogenicity, Hazard Category 1A |

* Data compared to the previous version altered.