

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Product form : Mixture  
Product name : CaviWipes™/ CaviWipes™ XL

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

#### 1.2.1. Relevant identified uses

Main use category : Professional use  
Use of the substance/mixture : Hard surface cleaner and disinfectant wipe

#### 1.2.2. Uses advised against

Restrictions on use : None known

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

#### Manufacturer

METREX® RESEARCH  
28210 Wick Road  
Romulus, MI., 48174-U.S.A.  
T 1-800-841-1428 (Customer Service)

#### Supplier

SpofaDental a.s.  
Markova 238  
CZ-506 01 Jičín - Czech Republic  
T +420 493 583 111  
[safety@Envistaco.com](mailto:safety@Envistaco.com)

### 1.4. Emergency telephone number

Emergency number : (Chemical Spills, Leaks, Fire, Exposure or Accident only): CHEMTREC 1-800-424-9300 (in the US), 1-703-527-3887 (Outside the US)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

Flammable liquids Category 3 H226  
Serious eye damage/eye irritation, Category 2 H319  
Hazardous to the aquatic environment – Chronic Hazard Category 3 H412  
Full text of H- and EUH-statements: see section 16

#### Adverse physicochemical, human health and environmental effects

Flammable liquid and vapor. Causes serious eye irritation. Harmful to aquatic life with long lasting effects.

### 2.2. Label elements

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

Hazard pictograms (CLP) :



GHS02

GHS07

Signal word (CLP) : Warning

Hazard statements (CLP) : H226 - Flammable liquid and vapor.  
H319 - Causes serious eye irritation.  
H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements (CLP) : 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.

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P241 - Use explosion-proof electrical equipment.  
P242 - Use non-sparking tools.  
P243 - Take action to prevent static discharges.  
P264 - Wash hands thoroughly after handling.  
P273 - Avoid release to the environment.  
P280 - Wear eye protection.  
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.  
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.  
P370+P378 - In case of fire: Use Water spray or fog, alcohol resistant foam, dry extinguishing powder, carbon dioxide (CO<sub>2</sub>) to extinguish.  
P403+P235 - Store in a well-ventilated place. Keep cool.  
P501 - Dispose of contents and container to a hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

### 2.3. Other hazards

Contains no PBT and/or vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/Information on ingredients

### 3.2. Mixtures

| Name                                                                                                                                    | Product identifier                                                                                | Conc.   | Classification according to Regulation (EC) No. 1272/2008 [CLP]                                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Isopropanol<br>substance with national workplace exposure limit(s)<br>(DE, GB)                                                          | CAS-No.: 67-63-0<br>EC-No.: 200-661-7<br>EC Index-No.: 603-117-00-0<br>REACH-no: 01-2119457558-25 | 10-18.5 | Flam. Liq. 2, H225<br>Eye Irrit. 2, H319<br>STOT SE 3, H336                                                                                               |
| 2-Butoxyethanol<br>substance with national workplace exposure limit(s)<br>(DE, GB); substance with a Community workplace exposure limit | CAS-No.: 111-76-2<br>EC-No.: 203-905-0<br>EC Index-No.: 603-014-00-0                              | 1-4     | Acute Tox. 3 (Inhalation:vapor), H331 (ATE=3 mg/l)<br>Acute Tox. 4 (Oral), H302 (ATE=1200 mg/kg body weight)<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319 |
| Benzethonium Chloride                                                                                                                   | CAS-No.: 121-54-0<br>EC-No.: 204-479-9                                                            | 0.28    | Acute Tox. 3 (Oral), H301 (ATE=295 mg/kg body weight)<br>Skin Corr. 1B, H314<br>Aquatic Acute 1, H400 (M=1)<br>Aquatic Chronic 1, H410 (M=1)              |

Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Get medical attention if symptoms occur.

First-aid measures after skin contact : Gently wash with plenty of soap and water. Seek medical attention if irritation develops.

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|                                      |                                                                                                                                                                                  |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| First-aid measures after eye contact | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| First-aid measures after ingestion   | : Ingestion is unlikely for solid products. No first aid is required for small amounts transferred from hands to mouth.                                                          |

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

|                  |                                                                                                                                                                 |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Inhalation       | : At high concentrations, the vapors can be irritating to the respiratory system. High concentration of vapors may induce: headache, nausea, dizziness.         |
| Skin             | : Repeated or prolonged skin contact may cause irritation. Repeated exposure may cause skin dryness or cracking.                                                |
| Eyes             | : May cause moderate irritation, including burning sensation, tearing, redness or swelling.                                                                     |
| Ingestion        | : Ingestion is not considered a potential route of exposure. Not expected to present a significant ingestion hazard under anticipated conditions of normal use. |
| Chronic symptoms | : Prolonged overexposure to ethylene glycol monobutyl ether may affect liver, kidneys, blood, lymphatic system or central nervous system.                       |

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

|                                |                                                                              |
|--------------------------------|------------------------------------------------------------------------------|
| Suitable extinguishing media   | : Use dry chemical, CO <sub>2</sub> , water spray or alcohol-resistant foam. |
| Unsuitable extinguishing media | : Do not use a heavy water stream.                                           |

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

|                                                  |                                                                                                                                                                                                                               |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Fire hazard                                      | : This product contains a flammable liquid saturant and will burn under fire conditions. However, this product contains only a small amount of liquid per container, therefore the risk of creating a fire hazard is minimal. |
| Hazardous decomposition products in case of fire | : Carbon oxides (CO, CO <sub>2</sub> ). Nitrogen oxides. Amines. Chlorine oxides.                                                                                                                                             |

### 5.3. Advice for firefighters

|                                |                                                                                                                  |
|--------------------------------|------------------------------------------------------------------------------------------------------------------|
| Firefighting instructions      | : Cool down the containers exposed to heat with a water spray. Exercise caution when fighting any chemical fire. |
| Protection during firefighting | : Do not enter fire area without proper protective equipment, including respiratory protection.                  |

## SECTION 6: Accidental release measures

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

|                                           |                                                                                                                                                             |
|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General measures                          | : Remove ignition sources. Do not touch or walk on the spilled product.                                                                                     |
| <b>6.1.1. For non-emergency personnel</b> |                                                                                                                                                             |
| Emergency procedures                      | : Avoid contact with skin and eyes. Wear suitable protective clothing. Ventilate spillage area.                                                             |
| <b>6.1.2. For emergency responders</b>    |                                                                                                                                                             |
| Protective equipment                      | : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". |

### 6.2. Environmental precautions

Avoid release to the environment.

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

|                         |                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------|
| Methods for cleaning up | : Do not re-use towelette. Pick up wipe and place into a container for disposal. Do not flush down sewers. |
| Other information       | : Dispose of materials or solid residues at an authorized site.                                            |

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### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

|                               |                                                                                                                                                                                                                                                                                            |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Precautions for safe handling | : Avoid contact with skin and eyes. Wear personal protective equipment. Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Refer to product label for additional information on use and handling. |
| Hygiene measures              | : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.                                                                                                                                                                                        |

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

|                        |                                                                                                                                                                                               |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Storage conditions     | : Store in dry, cool, well-ventilated area. Keep away from heat and direct sunlight. Protect container from physical damage. Keep containers closed when not in use to prevent moisture loss. |
| Incompatible materials | : Oxidizing agents, reducing agents, acids, bases.                                                                                                                                            |

### 7.3. Specific end use(s)

Consumer uses.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

| Isopropanol (67-63-0)                             |                                                                                                                                                                                                                                                                                                                                            |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Germany - Occupational Exposure Limits (TRGS 900) |                                                                                                                                                                                                                                                                                                                                            |
| Local name                                        | Propan-2-ol                                                                                                                                                                                                                                                                                                                                |
| AGW (OEL TWA)                                     | 500 mg/m <sup>3</sup>                                                                                                                                                                                                                                                                                                                      |
|                                                   | 200 ppm                                                                                                                                                                                                                                                                                                                                    |
| Peak exposure limitation factor                   | 2(II)                                                                                                                                                                                                                                                                                                                                      |
| Remark                                            | DFG - Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe der DFG (MAK-Kommission); Y - Ein Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes und des biologischen Grenzwertes (BGW) nicht befürchtet zu werden                                                                                 |
| Regulatory reference                              | TRGS900                                                                                                                                                                                                                                                                                                                                    |
| Germany - Biological limit values (TRGS 903)      |                                                                                                                                                                                                                                                                                                                                            |
| Local name                                        | Propan-2-ol                                                                                                                                                                                                                                                                                                                                |
| Biological limit value                            | 25 mg/l Parameter: Aceton - Untersuchungsmaterial: B = Vollblut, U = Urin - Probenahmezeitpunkt: b) Expositionsende, bzw. Schichtende - Festlegung/Begründung: 11/2012 DFG<br>25 mg/l Parameter: Aceton - Untersuchungsmaterial: U = Urin - Probenahmezeitpunkt: b) Expositionsende, bzw. Schichtende - Festlegung/Begründung: 11/2012 DFG |
| Regulatory reference                              | TRGS 903                                                                                                                                                                                                                                                                                                                                   |
| United Kingdom - Occupational Exposure Limits     |                                                                                                                                                                                                                                                                                                                                            |
| Local name                                        | Propan-2-ol                                                                                                                                                                                                                                                                                                                                |
| WEL TWA (OEL TWA)                                 | 999 mg/m <sup>3</sup>                                                                                                                                                                                                                                                                                                                      |

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| Isopropanol (67-63-0)                              |                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                    | 400 ppm                                                                                                                                                                                                                                                                                                                                                                                                         |
| WEL STEL (OEL STEL)                                | 1250 mg/m <sup>3</sup>                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                    | 500 ppm                                                                                                                                                                                                                                                                                                                                                                                                         |
| Regulatory reference                               | EH40/2005 (Fourth edition, 2020). HSE                                                                                                                                                                                                                                                                                                                                                                           |
| USA - ACGIH® - Threshold Limit Values              |                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Local name                                         | 2-Propanol                                                                                                                                                                                                                                                                                                                                                                                                      |
| ACGIH® TLV® TWA                                    | 491 mg/m <sup>3</sup>                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                    | 200 ppm                                                                                                                                                                                                                                                                                                                                                                                                         |
| ACGIH® TLV® STEL                                   | 984 mg/m <sup>3</sup>                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                    | 400 ppm                                                                                                                                                                                                                                                                                                                                                                                                         |
| Remark (ACGIH®)                                    | TLV® Basis: Eye & URT irr; CNS impair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI                                                                                                                                                                                                                                                                                                              |
| Regulatory reference                               | ACGIH 2022                                                                                                                                                                                                                                                                                                                                                                                                      |
| USA - ACGIH® - Biological Exposure Indices         |                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Local name                                         | 2-Propanol                                                                                                                                                                                                                                                                                                                                                                                                      |
| BEI (BLV)                                          | 40 mg/l Parameter: Acetone - Medium: urine - Sampling time: End of shift at end of workweek - Notations: B, Ns                                                                                                                                                                                                                                                                                                  |
| Regulatory reference                               | ACGIH 2025                                                                                                                                                                                                                                                                                                                                                                                                      |
| 2-Butoxyethanol (111-76-2)                         |                                                                                                                                                                                                                                                                                                                                                                                                                 |
| EU - Indicative Occupational Exposure Limit (IOEL) |                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Local name                                         | 2-Butoxyethanol                                                                                                                                                                                                                                                                                                                                                                                                 |
| IOEL TWA                                           | 98 mg/m <sup>3</sup>                                                                                                                                                                                                                                                                                                                                                                                            |
|                                                    | 20 ppm                                                                                                                                                                                                                                                                                                                                                                                                          |
| IOEL STEL                                          | 246 mg/m <sup>3</sup>                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                    | 50 ppm                                                                                                                                                                                                                                                                                                                                                                                                          |
| Remark                                             | Skin                                                                                                                                                                                                                                                                                                                                                                                                            |
| Regulatory reference                               | COMMISSION DIRECTIVE 2000/39/EC                                                                                                                                                                                                                                                                                                                                                                                 |
| Germany - Occupational Exposure Limits (TRGS 900)  |                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Local name                                         | 2-Butoxyethanol                                                                                                                                                                                                                                                                                                                                                                                                 |
| AGW (OEL TWA)                                      | 49 mg/m <sup>3</sup>                                                                                                                                                                                                                                                                                                                                                                                            |
|                                                    | 10 ppm                                                                                                                                                                                                                                                                                                                                                                                                          |
| Peak exposure limitation factor                    | 2(I)                                                                                                                                                                                                                                                                                                                                                                                                            |
| Remark                                             | EU - Europäische Union (Von der EU wurde ein Luftgrenzwert festgelegt: Abweichungen bei Wert und Spitzenbegrenzung sind möglich); DFG - Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe der DFG (MAK-Kommission); H - hautresorptiv; Y - Ein Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes und des biologischen Grenzwertes (BGW) nicht befürchtet zu werden |
| Regulatory reference                               | TRGS900                                                                                                                                                                                                                                                                                                                                                                                                         |
| Germany - Biological limit values (TRGS 903)       |                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Local name                                         | 2-Butoxyethanol                                                                                                                                                                                                                                                                                                                                                                                                 |

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| 2-Butoxyethanol (111-76-2)                    |                                                                                                                                                                                                                                                 |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Biological limit value                        | 150 mg/g Kreatinin Parameter: Butoxyessigsäure (nach Hydrolyse) - Untersuchungsmaterial: U = Urin - Probenahmezeitpunkt: c) am Schichtende, bei Langzeitexposition nach mehreren vorangegangenen Schichten - Festlegung/Begründung: 05/2024 DFG |
| Regulatory reference                          | TRGS 903                                                                                                                                                                                                                                        |
| United Kingdom - Occupational Exposure Limits |                                                                                                                                                                                                                                                 |
| Local name                                    | 2-Butoxyethanol                                                                                                                                                                                                                                 |
| WEL TWA (OEL TWA)                             | 123 mg/m <sup>3</sup>                                                                                                                                                                                                                           |
|                                               | 25 ppm                                                                                                                                                                                                                                          |
| WEL STEL (OEL STEL)                           | 246 mg/m <sup>3</sup>                                                                                                                                                                                                                           |
|                                               | 50 ppm                                                                                                                                                                                                                                          |
| Remark                                        | Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity)                                                                                     |
| Regulatory reference                          | EH40/2005 (Fourth edition, 2020). HSE                                                                                                                                                                                                           |
| United Kingdom - Biological limit values      |                                                                                                                                                                                                                                                 |
| Local name                                    | 2-Butoxyethanol                                                                                                                                                                                                                                 |
| BMGV                                          | 240 mmol/mol Kreatinin Parameter: butoxyacetic acid - Medium: urine - Sampling time: Post shift                                                                                                                                                 |
| Regulatory reference                          | EH40/2005 (Fourth edition, 2020). HSE                                                                                                                                                                                                           |
| USA - ACGIH® - Threshold Limit Values         |                                                                                                                                                                                                                                                 |
| Local name                                    | 2-Butoxyethanol (EGBE)                                                                                                                                                                                                                          |
| ACGIH® TLV® TWA                               | 97 mg/m <sup>3</sup>                                                                                                                                                                                                                            |
|                                               | 20 ppm                                                                                                                                                                                                                                          |
| Remark (ACGIH®)                               | TLV® Basis: Eye & URT irr. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI                                                                                                                                    |
| Regulatory reference                          | ACGIH 2025                                                                                                                                                                                                                                      |
| USA - ACGIH® - Biological Exposure Indices    |                                                                                                                                                                                                                                                 |
| Local name                                    | 2-Butoxyethanol (EGBE)                                                                                                                                                                                                                          |
| BEI (BLV)                                     | 200 mg/g Kreatinin Parameter: Butoxyacetic acid (BAA) - Medium: urine - Sampling time: End of shift                                                                                                                                             |
| Regulatory reference                          | ACGIH 2025                                                                                                                                                                                                                                      |

### 8.1.2. Recommended monitoring procedures

No additional information available

### 8.1.3. Air contaminants formed

No additional information available

### 8.1.4. DNEL and PNEC

No additional information available

### 8.1.5. Control banding

No additional information available

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### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

##### Appropriate engineering controls:

Use with adequate general or local exhaust ventilation to maintain exposure levels below the occupational exposure limits.

#### 8.2.2. Personal protection equipment

##### 8.2.2.1. Eye and face protection

###### Eye protection:

Not required for normal conditions of use. Handling product in bulk: Wear safety goggles or other eye protection to prevent eye contact. Use eye protection according to EN 166.

##### 8.2.2.2. Skin protection

###### Skin and body protection:

None under normal conditions

###### Hand protection:

In case of repeated or prolonged contact wear gloves. Wear suitable gloves tested to EN374.

##### 8.2.2.3. Respiratory protection

###### Respiratory protection:

No respiratory protection needed under normal use conditions

##### 8.2.2.4. Thermal hazards

No additional information available

#### 8.2.3. Environmental exposure controls

##### Environmental exposure controls:

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

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

|                                                 |                                                    |
|-------------------------------------------------|----------------------------------------------------|
| Physical state                                  | : Liquid                                           |
| Color                                           | : Colorless.                                       |
| Appearance                                      | : Liquid impregnated on lint free wipes.           |
| Odor                                            | : Alcohol.                                         |
| Odor threshold                                  | : 0.001 ppm Ethylene glycol monobutyl ether (EGBE) |
| Melting point                                   | : Not available                                    |
| Freezing point                                  | : Not available                                    |
| Boiling point                                   | : Not available                                    |
| Flammability                                    | : Flammable liquid,(Saturant)                      |
| Lower explosion limit                           | : 2 Vol-% (Isopropanol)                            |
| Upper explosion limit                           | : 12.7 Vol-% (Isopropanol)                         |
| Flash point                                     | : 32 °C (89°F) (Saturant)                          |
| Auto-ignition temperature                       | : Not available                                    |
| Decomposition temperature                       | : Not available                                    |
| pH                                              | : 8.5 – 12.49 (Saturant)                           |
| Viscosity, kinematic                            | : Not applicable                                   |
| Solubility                                      | : Not available                                    |
| Partition coefficient n-octanol/water (Log Kow) | : Not available                                    |
| Vapor pressure                                  | : Not available                                    |
| Vapor pressure at 50°C                          | : Not available                                    |
| Density                                         | : Not available                                    |
| Relative density                                | : Not available                                    |
| Relative vapor density at 20°C                  | : Not available                                    |
| Particle characteristics                        | : Not applicable                                   |

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

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### 9.2.2. Other safety characteristics

Relative evaporation rate (butyl acetate=1) : < 1  
VOC content : 20 %

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Keep away from open flames, hot surfaces and sources of ignition.

### 10.5. Incompatible materials

Oxidizing agents, reducing agents, acids, bases.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Not classified (Based on available data, the classification criteria are not met)  
Acute toxicity (dermal) : Not classified (Based on available data, the classification criteria are not met)  
Acute toxicity (inhalation) : Not classified (Based on available data, the classification criteria are not met)

| CaviWipes™/ CaviWipes™ XL         |                           |
|-----------------------------------|---------------------------|
| LD50 oral rat                     | > 5000 mg/kg (Saturant)   |
| LD50 dermal rabbit                | > 2000 mg/kg (Saturant)   |
| LC50 Inhalation - Rat (Dust/Mist) | > 2.08 mg/l/4h (Saturant) |
| Isopropanol (67-63-0)             |                           |
| LD50 oral rat                     | 5840 mg/kg                |
| LD50 dermal rabbit                | 12800 mg/kg               |
| LC50 Inhalation - Rat [ppm]       | 1666.66 ppm/1h            |
| Benzethonium Chloride (121-54-0)  |                           |
| LD50 oral rat                     | 295 mg/kg                 |
| 2-Butoxyethanol (111-76-2)        |                           |
| LD50 oral rat                     | 1746 mg/kg                |
| LD50 oral                         | 1414 mg/kg                |
| LD50 dermal rat                   | > 2000 mg/kg bw/day       |

Skin corrosion/irritation : This product was tested and based on available data, the classification criteria are not met.  
pH: 8.5 – 12.49 (Saturant)  
Serious eye damage/irritation : Causes eye irritation. On basis of test data  
pH: 8.5 – 12.49 (Saturant)

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|                                   |                                                                                                                                                       |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Respiratory or skin sensitization | : No sensitizing reaction was observed for guinea pigs. This product was tested and based on available data, the classification criteria are not met. |
| Germ cell mutagenicity            | : Not classified (Based on available data, the classification criteria are not met)                                                                   |
| Carcinogenicity                   | : Not classified (Based on available data, the classification criteria are not met)                                                                   |

| Isopropanol (67-63-0) |                      |
|-----------------------|----------------------|
| IARC group            | 3 - Not classifiable |

| 2-Butoxyethanol (111-76-2) |                      |
|----------------------------|----------------------|
| IARC group                 | 3 - Not classifiable |

|                       |                                                                                     |
|-----------------------|-------------------------------------------------------------------------------------|
| Reproductive toxicity | : Not classified (Based on available data, the classification criteria are not met) |
| STOT-single exposure  | : Not classified (Based on available data, the classification criteria are not met) |

| Isopropanol (67-63-0) |                                    |
|-----------------------|------------------------------------|
| STOT-single exposure  | May cause drowsiness or dizziness. |

|                        |                                                                                     |
|------------------------|-------------------------------------------------------------------------------------|
| STOT-repeated exposure | : Not classified (Based on available data, the classification criteria are not met) |
| Aspiration hazard      | : Not classified (Based on available data, the classification criteria are not met) |

| CaviWipes™/ CaviWipes™ XL |                |
|---------------------------|----------------|
| Viscosity, kinematic      | Not applicable |

### 11.2. Information on other hazards

#### 11.2.1. Endocrine disrupting properties

|                                                                  |              |
|------------------------------------------------------------------|--------------|
| Adverse health effects caused by endocrine disrupting properties | : None known |
|------------------------------------------------------------------|--------------|

#### 11.2.2. Other information

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

|                                                           |                                                                                     |
|-----------------------------------------------------------|-------------------------------------------------------------------------------------|
| Ecology - general                                         | : Avoid release to the environment.                                                 |
| Hazardous to the aquatic environment, short-term (acute)  | : Not classified (Based on available data, the classification criteria are not met) |
| Hazardous to the aquatic environment, long-term (chronic) | : Harmful to aquatic life with long lasting effects.                                |

| Isopropanol (67-63-0)  |                                                 |
|------------------------|-------------------------------------------------|
| LC50 - Fish [1]        | 10000 mg/l Pimephales promelas (Fathead minnow) |
| LC50 - Fish [2]        | 9640 mg/l Pimephales promelas (Fathead minnow)  |
| EC50 - Crustacea [1]   | 1000 mg/l                                       |
| ErC50 algae            | 1000 mg/l                                       |
| NOEC chronic crustacea | 100 mg/l                                        |

| Benzethonium Chloride (121-54-0) |                                               |
|----------------------------------|-----------------------------------------------|
| LC50 - Fish [1]                  | 1.15 mg/l Oncorhynchus mykiss (Rainbow trout) |
| EC50 - Crustacea [1]             | 0.22 mg/l Daphnia magna (Water flea)          |
| ErC50 algae                      | 0.3 mg/l Pseudokirchneriella subcapitata      |

| 2-Butoxyethanol (111-76-2) |                                               |
|----------------------------|-----------------------------------------------|
| LC50 - Fish [1]            | 1474 mg/l Oncorhynchus mykiss (Rainbow trout) |
| EC50 - Crustacea [1]       | ≈ 1800 mg/l Daphnia magna (Water flea)        |

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### 2-Butoxyethanol (111-76-2)

|                      |                                           |
|----------------------|-------------------------------------------|
| EC50 72h - Algae [1] | 911 mg/l Pseudokirchneriella subcapitata  |
| EC50 72h - Algae [2] | 1840 mg/l Pseudokirchneriella subcapitata |
| NOEC (chronic)       | 100 mg/l Daphnia magna (Water flea)       |
| NOEC chronic fish    | > 100 mg/l Danio rerio (Zebrafish)        |

### 12.2. Persistence and degradability

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|                               |                    |
|-------------------------------|--------------------|
| Persistence and degradability | Rapidly degradable |
|-------------------------------|--------------------|

#### Isopropanol (67-63-0)

|                               |                                    |
|-------------------------------|------------------------------------|
| Persistence and degradability | Readily biodegradable.             |
| Chemical oxygen demand (COD)  | 2.23 g O <sub>2</sub> /g substance |

#### Benzethonium Chloride (121-54-0)

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

#### 2-Butoxyethanol (111-76-2)

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Readily biodegradable. |
|-------------------------------|------------------------|

### 12.3. Bioaccumulative potential

#### Isopropanol (67-63-0)

|                                                 |      |
|-------------------------------------------------|------|
| BCF - Fish [1]                                  | 3    |
| Partition coefficient n-octanol/water (Log Kow) | 0.05 |

### 12.4. Mobility in soil

#### Isopropanol (67-63-0)

|                                                            |     |
|------------------------------------------------------------|-----|
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 1.5 |
|------------------------------------------------------------|-----|

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods

: Dispose as hazardous waste with infectious risk because wipes are often contaminated by materials considered biological hazards once used. The danger from the wipe comes from the fact that – once used – it contains dead microorganisms and biological dirt or blood. Refer to product label for container disposal information. Dispose in a safe manner in accordance with local/national regulations.

Sewage disposal recommendations

: Do not dispose of waste into sewer. Dispose in a safe manner in accordance with local/national regulations.

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Product/Packaging disposal recommendations : Do not reuse towelette. Container Disposal: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. If recycling is not available, discard in trash.

### SECTION 14: Transport information

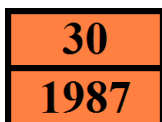
In accordance with ADR / IMDG / IATA

| ADR                                                                                | IMDG                                                                               | IATA                                                                                 |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| <b>14.1. UN number or ID number</b>                                                |                                                                                    |                                                                                      |
| UN 1987                                                                            | UN 1987                                                                            | UN 1987                                                                              |
| <b>14.2. UN proper shipping name</b>                                               |                                                                                    |                                                                                      |
| ALCOHOLS, N.O.S. (Isopropanol, 2-Butoxyethanol) LTD QTY                            | ALCOHOLS, N.O.S. (Isopropanol, 2-Butoxyethanol) LTD QTY                            | Alcohols, n.o.s. (Isopropanol, 2-Butoxyethanol) LTD QTY                              |
| <b>Transport document description</b>                                              |                                                                                    |                                                                                      |
| UN 1987 ALCOHOLS, N.O.S. (Isopropanol, 2-Butoxyethanol) LTD QTY, 3, III, (D/E)     | UN 1987 ALCOHOLS, N.O.S. (Isopropanol, 2-Butoxyethanol) LTD QTY, 3, III            | UN 1987 Alcohols, n.o.s. (Isopropanol, 2-Butoxyethanol) LTD QTY, 3, III              |
| <b>14.3. Transport hazard class(es)</b>                                            |                                                                                    |                                                                                      |
| 3                                                                                  | 3                                                                                  | 3                                                                                    |
|  |  |  |
| <b>14.4. Packing group</b>                                                         |                                                                                    |                                                                                      |
| III                                                                                | III                                                                                | III                                                                                  |
| <b>14.5. Environmental hazards</b>                                                 |                                                                                    |                                                                                      |
| Dangerous for the environment: No                                                  | Dangerous for the environment: No<br>Marine pollutant: No                          | Dangerous for the environment: No                                                    |
| No supplementary information available                                             |                                                                                    |                                                                                      |

### 14.6. Special precautions for user

#### Overland transport

Classification code (ADR) : F1  
Special provision (ADR) : 274, 601  
Limited quantities (ADR) : 5I  
Excepted quantities (ADR) : E1  
Packing instructions (ADR) : P001, IBC03, LP01, R001  
Mixed packing provisions (ADR) : MP19  
Portable tank and bulk container instructions (ADR) : T4  
Portable tank and bulk container special provisions (ADR) : TP1, TP29  
Tank code (ADR) : LGBF  
Vehicle for tank carriage : FL  
Transport category (ADR) : 3  
Special provisions for carriage - Packages (ADR) : V12  
Special provisions for carriage - Operation (ADR) : S2  
Hazard identification number (Kemler No.) : 30  
Orange plates :



Tunnel restriction code (ADR) : D/E  
EAC : •3Y

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### Transport by sea

No data available

### Air transport

No data available

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

##### REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

##### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List) in concentrations above or equal to the limit values

##### REACH Candidate List (SVHC)

Contains substance(s) listed on the REACH Candidate List < 0.1 % or SCL.

##### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

##### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

##### Ozone regulation (2024/590)

Not listed on the Ozone Depletion list (Regulation EU 2024/590)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

##### Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

##### VOC Directive (2004/42)

VOC content : 20 %

##### Explosives Precursors Regulation (EU 2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

##### Drug Precursors Regulation (EC 273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

#### 15.1.2. National regulations

##### Germany

Water hazard class (WGK)

: WGK 1, slightly hazardous to water (Classification according to AwSV, Annex 1).

Chemicals Prohibition Ordinance (ChemVerbotsV)

: This product is subject to ChemVerbotsV Annex 1 Entry 1. Paragraph 1) Coated and uncoated wood-based materials (chipboard, blockboard, veneer panels, and fibreboard) may not be placed on the market if the equalizing concentration of formaldehyde in the air in a test room exceeds 0.1 ml / cbm (ppm). Paragraph 2) Furniture that contains wood-based materials that do not meet the requirements of Paragraph 1 may not be placed on the market. Paragraph 1 is also deemed to have been fulfilled if the furniture complies with the equalization concentration specified in paragraph 1 during a whole-body test. Paragraph 3) Detergents, cleaning agents and care products with a mass content of more than 0.2% formaldehyde may not be placed on the market.

VOC content

: 20 %

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### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

### SECTION 16: Other information

#### Indication of changes:

Classification. Physical and chemical properties. Transport information.

Data sources : ECHA (European Chemicals Agency). Company proprietary data.

#### Full text of H- and EUH-phrases:

|                                    |                                                                        |
|------------------------------------|------------------------------------------------------------------------|
| Acute Tox. 3<br>(Inhalation:vapor) | Acute toxicity (inhalation:vapor) Category 3                           |
| Acute Tox. 3 (Oral)                | Acute toxicity (oral) Category 3                                       |
| Acute Tox. 4 (Oral)                | Acute toxicity (oral) Category 4                                       |
| Aquatic Acute 1                    | Hazardous to the aquatic environment – Acute Hazard Category 1         |
| Aquatic Chronic 1                  | Hazardous to the aquatic environment – Chronic Hazard Category 1       |
| Eye Irrit. 2                       | Serious eye damage/eye irritation, Category 2                          |
| Flam. Liq. 2                       | Flammable liquids Category 2                                           |
| Skin Corr. 1B                      | Skin corrosion/irritation, Category 1, Sub-Category 1B                 |
| Skin Irrit. 2                      | Skin corrosion/irritation Category 2                                   |
| STOT SE 3                          | Specific target organ toxicity – Single exposure, Category 3, Narcosis |
| H225                               | Highly flammable liquid and vapor.                                     |
| H226                               | Flammable liquid and vapor.                                            |
| H301                               | Toxic if swallowed.                                                    |
| H302                               | Harmful if swallowed.                                                  |
| H314                               | Causes severe skin burns and eye damage.                               |
| H315                               | Causes skin irritation.                                                |
| H319                               | Causes serious eye irritation.                                         |
| H331                               | Toxic if inhaled.                                                      |
| H336                               | May cause drowsiness or dizziness.                                     |
| H400                               | Very toxic to aquatic life.                                            |
| H410                               | Very toxic to aquatic life with long lasting effects.                  |
| H412                               | Harmful to aquatic life with long lasting effects.                     |

#### Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

|                   |      |                       |
|-------------------|------|-----------------------|
| Flam. Liq. 3      | H226 | Expert judgment       |
| Eye Irrit. 2      | H319 | On basis of test data |
| Aquatic Chronic 3 | H412 | Calculation method    |

Safety Data Sheet (SDS), EU

The information and recommendations set forth herein are taken from sources believed to be accurate as of the date of preparation, however, METREX® RESEARCH makes no warranty with respect to the accuracy or suitability of the recommendations, and assumes no liability to any use thereof.