

# SAFETY DATA SHEET

## Antibac Keyboard Wipes



SDS according to Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), Annex II-EU

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

Date issued 31.08.2015

#### 1.1. Product identifier

Product name Antibac Keyboard Wipes  
Article no. 603037

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

Product group PT2 Disinfectants and algaecides not intended for direct application to humans or animals  
Use of the substance/preparation Surface disinfection 75%  
Disinfecting and cleaning the keyboard, mouse, analog phone, etc.

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

##### Manufacturer

Company name Antibac AS  
Office address Hagaløkkveien 13  
Postal address Postboks 103  
Postcode 1371  
City Asker  
Country Norway  
Tel +47 66 77 11 70  
Fax +4766771171  
E-mail kontakt@antibac.no  
Website <http://www.antibac.no>  
Contact person Ann Mari Dybdahl

#### 1.4. Emergency telephone number

Emergency telephone For poisoning emergencies, call:NHS Direct - 0845 4647 (24h/24h)

### SECTION 2: Hazards identification

#### 2.1. Classification of substance or mixture

Classification according to Flam. Liq. 2;H225;  
Regulation (EC) No 1272/2008 Eye Irrit. 2;H319;  
[CLP/GHS]

Substance / mixture hazardous properties The information in this safety data sheet applies to the liquid in the wipes:  
Highly flammable liquid and vapour. Causes serious eye irritation.

#### 2.2. Label elements

##### Hazard Pictograms (CLP)



Signal word

Danger

|                                |   |
|--------------------------------|---|
| Hazard statements              | H225 Highly flammable liquid and vapour.<br>H319 Causes serious eye irritation.   |
| Precautionary statements       | P102 Keep out of reach of children.<br>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.<br>P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P310 Immediately call a POISON CENTER or doctor/physician. |
| Supplemental label information | Use: Disinfection of surfaces<br>Type of preparation: Wipes<br>Contains: 586 g/kg of ethanol and 117 g/kg of propan-2-ol<br>For private and professional use  |
| Tactile warnings               | Yes   |

### 2.3. Other hazards

PBT / vPvB The chemical contains no PBT or vPvB substances.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

| Substance   | Identification   | Classification  | Contents  |
|-------------|--|---|-----------|
| Ethanol     | CAS no.: 64-17-5<br>EC no.: 200-578-6<br>Index no.: 603-002-00-5<br>Registration number: 01-2119457610-43<br>Synonyms: Ethyl alcohol | Flam. Liq. 2; H225;<br>Eye Irrit. 2; H319;  | 55 - 75 % |
| Propan-2-ol | CAS no.: 67-63-0<br>EC no.: 200-661-7<br>Index no.: 603-117-00-0<br>Synonyms: Propan-2-ol  | Flam. Liq. 2; H225<br>Eye Irrit. 2; H319<br>STOT SE 3; H336                             | 10 - 15 % |
| Propan-1-ol | CAS no.: 71-23-8<br>EC no.: 200-746-9<br>Index no.: 603-003-00-0<br>Synonyms: n-Propanol   | R67<br>Xi; R41<br>F; R11<br>Flam. Liq. 2; H225;<br>Eye Dam. 1; H318;<br>STOT SE3; H336; | 0 - 1 %   |

Substance comments The full text for all hazard statements is displayed in section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|              |   |
|--------------|---|
| General      | Emergency telephone number: see section 1.4. In case of unconsciousness or severe accidents, call 112.  |
| Inhalation   | Fresh air and rest. Get medical attention if any discomfort continues.  |
| Skin contact | Remove contaminated clothing. Flush skin thoroughly with water.<br>Get medical attention if any discomfort continues.   |
| Eye contact  | Promptly rinse eyes with plenty of water (tempered at 20-30°C) for at least 15 minutes. Remove contact lenses and open eyes wide apart. Consult an eye specialist if the irritation persists. |
| Ingestion    | Unlikely because of the chemical condition. Do not induce vomiting. Get medical attention if any discomfort continues.  |

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

|                            |  |
|----------------------------|--|
| Acute symptoms and effects | In high concentrations, inhalation of vapors may cause drowsiness or dizziness.<br>Irritating to eyes and may cause redness and tearing. |
|----------------------------|--|

Delayed symptoms and effects      Prolonged and repeated skin contact will cause defatting and possible irritation.

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

Other Information      Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media      Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

Improper extinguishing media      Do not use water jet.

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

Fire and explosion hazards      The chemical is highly flammable. Vapours are heavier than air and may spread near ground to sources of ignition.

Hazardous combustion products      May include, but is not limited to: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO).

### 5.3. Advice for firefighters

Personal protective equipment      Self-contained breathing apparatus may be required by rescue workers. In case of evacuation, use escape mask where possible.

Other Information      Containers close to fire should be removed immediately or cooled with water. Extinguishing water must not be discharged into drains.

## SECTION 6: Accidental release measures

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

Personal protection measures      Remove all ignition sources and ventilate the area.

### 6.2. Environmental precautions

Environmental precautionary measures      Avoid release to the environment.

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

Cleaning method      Collect in a suitable container and dispose as hazardous waste according to section 13.

### 6.4. Reference to other sections

Other instructions      See also sections 8 and 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Handling      Use biocides safely. Always read the label and product information before use.

Provide good ventilation. Avoid contact with eyes.

### Protective Safety Measures

Safety Measures To Prevent fire      Smoking and naked flames and other ignition sources are prohibited. Take precautionary measures against static discharges.

Advice on general occupational hygiene      Wash hands after contact with the chemical. Change contaminated clothing and take off protective equipment before the meal. Do not smoke, drink or eat in the workplace.

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

Storage      Store in accordance with regulations for flammable goods.

Store in a tightly closed container in a cool, well-ventilated room, protected from direct sunlight.

Special risks and properties      The vapours are heavier than air and will spread along the floor. The vapours may form explosive mixtures with air.

### Conditions for safe storage

Packaging compatibilities

Store in original container.

Advice on storage compatability

Keep away from: Oxidizing agents. Food and feed.

**7.3. Specific end use(s)**

Specific use(s)

See section 1.2.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Occupational Exposure limit values**

| Substance   | Identification   | Value  | TWA Year |
|-------------|--|--|----------|
| Ethanol     | CAS no.: 64-17-5<br>EC no.: 200-578-6<br>Index no.: 603-002-00-5<br>Registration number: 01-2119457610-43<br>Synonyms: Ethyl alcohol | 8-hour TWA: 1000 ppm<br>8-hour TWA: 1920 mg/m <sup>3</sup>   | 2014     |
| Propan-2-ol | CAS no.: 67-63-0<br>EC no.: 200-661-7<br>Index no.: 603-117-00-0<br>Synonyms: Propan-2-ol  | 8-hour TWA: 400 ppm<br>8-hour TWA: 999 mg/m <sup>3</sup><br>15 min.: 500 ppm<br>15 min.: 1250 mg/m <sup>3</sup>                  | 2011     |
| Propan-1-ol | CAS no.: 71-23-8<br>EC no.: 200-746-9<br>Index no.: 603-003-00-0<br>Synonyms: n-Propanol   | 8-hour TWA: 200 ppm, Sk<br>8-hour TWA: 500 mg/m <sup>3</sup> , Sk<br>15 min.: 250 ppm, Sk<br>15 min.: 625 mg/m <sup>3</sup> , Sk | 2007     |

Other Information about threshold limit values

Explanation of the notations:

Sk = Can be absorbed through the skin.

References (laws/regulations): EH40/2005 Workplace exposure limits, with later amendments.

**8.2. Exposure controls**

Limitation of exposure on workplace

Explosion-proof general and local exhaust ventilation. The personal protective equipment must be CE-marked and the latest version of the standards shall be used. The protective equipment and the specified standards recommended below are only suggestions, and should be selected on advice from the supplier of such equipment.

A risk assessment of the work place/work activities (the actual risk) may lead to other control measures. The protection equipments suitability and durability will depend on application.

**Respiratory protection**

Respiratory protection

Normally not required.

If there is insufficient ventilation, use a respirator with type A-filter.

**Hand protection**

Hand protection

Chemical resistant gloves required for prolonged or repeated contact. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

Reference to relevant standard

BS-EN 374 (Protective gloves against chemicals and micro-organisms).  
BS-EN 420 (Protective gloves. General requirements and test methods).

Suitable materials

Nitrile. Butyl rubber.

Breakthrough time

No specific information from the manufacturer.

Thickness of glove material

No specific information from the manufacturer.

**Eye / face protection**

Eye protection

Normally not necessary.

Wear splash-proof eye goggles to prevent any possibility of eye contact.

**Skin protection**

Skin protection (except hands) Ordinary workwear.

### Appropriate environmental exposure control

Environmental exposure controls Prevent spillage entering a watercourse or sewer, contaminating soil or vegetation.

### Other Information

Other Information Eye wash facilities must be available when handling this chemical.

## SECTION 9: Physical and chemical properties

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

|  |   |
|--|---|
| Physical state                                     | Wipe.   |
| Colour   | White. / Colourless.  |
| Odour  | Alcohol.  |
| Comments, Odour limit                              | Not specified by the manufacturer.  |
| Comments, pH (as supplied)                         | Not specified by the manufacturer.  |
| Melting point/melting range                        | Value: < -20 °C<br>Method of testing: apply to the liquid part                        |
| Boiling point / boiling range                      | Value: 78,5-100 °C<br>Method of testing: apply to the liquid part                     |
| Flash point  | Value: < 21 °C<br>Method of testing: apply to the liquid part                         |
| Comments, Evaporation rate                         | Not specified by the manufacturer.  |
| Flammability (solid, gas)                          | Not relevant, see flash point.  |
| Explosion limit                                    | Value: ~ 2,5-19 % by volume in air  |
| Comments, Explosion limit                          | Estimated for the liquid part   |
| Comments, Vapour pressure                          | Not specified by the manufacturer.  |
| Vapour density                                     | Value: > 1<br>Reference gas: air = 1<br>Method of testing: apply to the liquid part   |
| Specific gravity                                   | Value: 0,85 kg/dm <sup>3</sup> (20 °C)<br>Method of testing: apply to the liquid part |
| Solubility description                             | The description below applies to the liquid in the wipes:                             |
| Solubility in water                                | Easily soluble.   |
| Comments, Partition coefficient: n-octanol / water | Not relevant for a mixture.   |
| Comments, Spontaneous combustability               | Not specified by the manufacturer.  |
| Comments, Viscosity                                | Not specified by the manufacturer.  |
| Explosive properties                               | Not classified as an explosive.   |
| Oxidising properties                               | Not oxidising.  |

### 9.2. Other information

#### Other physical and chemical properties

Comments No further information is available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity No test data available.

### 10.2. Chemical stability

Stability Stable under normal temperature conditions and recommended use.

### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions May react violently with strong oxidizing components.

### 10.4. Conditions to avoid

Conditions to avoid Avoid heat, flames and other sources of ignition.



**13.1. Waste treatment methods**

|   |   |
|---|---|
| Specify the appropriate methods of disposal | Wipes from which the liquid part has evaporated completely is not hazardous waste.<br>Unused wipes:<br>Disposed of as hazardous waste by approved contractor. The waste code (EWC-Code) is intended as a guide. The code must be chosen by the user, if the use differs from the one mentioned below. |
| Product classified as hazardous waste       | Yes   |
| EWC waste code                              | EWC: 20 01 29 detergents containing dangerous substances  |

**SECTION 14: Transport information****14.1. UN number**

|           |   |
|-----------|---|
| ADR       | 3175  |
| RID       | 3175  |
| IMDG      | 3175  |
| ICAO/IATA | 3175  |
| Comments  | May be transported in limited quantities if placed in outer packaging according to ADR 3.4, when max. 1 kg/inner packaging and max. 30 kg total gross mass. Shrink- or stretch wrapped trays may be used and shall not exceed 20 kg total gross mass/tray.<br>Individually packaged wipes are exempt from ADR requirements according to SP 216. |

**14.2. UN proper shipping name**

|           |  |
|-----------|--|
| ADR       | SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (ethanol and propan-2-ol) |
| RID       | SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (ethanol and propan-2-ol) |
| IMDG      | SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (ethanol and propan-2-ol) |
| ICAO/IATA | SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (ethanol and propan-2-ol) |

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

|            |     |
|------------|-----|
| ADR        | 4.1 |
| Hazard no. | 40  |
| RID        | 4.1 |
| IMDG       | 4.1 |
| ICAO/IATA  | 4.1 |

**14.4. Packing group**

|           |    |
|-----------|----|
| ADR       | II |
| RID       | II |
| IMDG      | II |
| ICAO/IATA | II |

**14.5. Environmental hazards**

|                       |    |
|-----------------------|----|
| IMDG Marine pollutant | No |
|-----------------------|----|

**14.6. Special precautions for user**

|                             |                             |
|-----------------------------|-----------------------------|
| ADR additional information  | Tunnel restriction code (E) |
| IMDG Additional information | Fp <21°C C.c.               |
| EmS                         | F-A, S-I                    |

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

|                    |               |
|--------------------|---------------|
| Pollution category | Not relevant. |
|--------------------|---------------|

## SECTION 15: Regulatory information

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

|                               |  |
|-------------------------------|--|
| References (laws/regulations) | <p>Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP-regulation) with later amendments.</p> <p>Regulation (EC) No 1907/2006 on Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) with later amendments.</p> <p>The Hazardous Waste (England and Wales) Regulations 2005 with amendments.</p> <p>Dangerous Goods regulations</p> <p>Regulation (EU) No 528/2012 of the European Parliament and of the Council of 22 May 2012 concerning the making available on the market and use of biocidal products.</p> |
|-------------------------------|--|

### 15.2. Chemical safety assessment

|                                      |    |
|--------------------------------------|----|
| Chemical safety assessment performed | No |
|--------------------------------------|----|

## SECTION 16: Other information

|  |   |
|--|---|
| Supplier's notes   | The information contained in this SDS must be made available to all those who handle the product.   |
| Classification according to Regulation (EC) No 1272/2008 [CLP/GHS] | Flam. Liq. 2; H225;<br>Eye Irrit. 2; H319;  |
| List of relevant R-phrases (under headings 2 and 3).               | R11 Highly flammable.<br>R41 Risk of serious damage to eyes.<br>R67 Vapours may cause drowsiness and dizziness.   |
| List of relevant H-phrases (Section 2 and 3).                      | H318 Causes Serious eye damage.<br>H336 May cause drowsiness or dizziness.<br>H225 Highly flammable liquid and vapour.<br>H319 Causes serious eye irritation.               |
| Checking quality of information                                    | This SDS is quality controlled by National Institute of Technology in Norway, certified according to the Quality Management System requirements specified in ISO 9001:2008. |
| Version  | 1   |
| Responsible for safety data sheet                                  | Antibac AS  |
| Prepared by  | Teknologisk Institutt as / Milvi Rohtla   |