

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

#### 1.1. Product identifier

Product form : Mixture  
Trade name : Biorad Ready Spray

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

Use of the substance/mixture : Disinfectant

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

Necm Kimya Akaryakıt Ürünleri ve Medikal Malzemeler Sanayi ve Ticaret Limitet Şirketi  
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#### 1.4. Emergency telephone number

| Country | Organisation/Company                                                           | Address                                                    | Emergency number | Comment                                                                                 |
|---------|--------------------------------------------------------------------------------|------------------------------------------------------------|------------------|-----------------------------------------------------------------------------------------|
| Turkey  | Ulusal Zehir Merkezi (UZEM)<br>Refik Saydam Hıfızissihha Merkezi<br>Başkanlığı | Cemal Gürsel Cd. No: 18 Sıhhiye<br>Çankaya<br>06590 Ankara | 114              | Information is provided to public and medical personnel on poisoning incidents via 114. |

### SECTION 2: Hazards identification

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

Classification according to Classification, Labelling and Packaging of Substances and Mixtures (SEA) Regulation published in the Official Journal numbered 28848 on December 11, 2013.

Not classified

Adverse physicochemical, human health and environmental effects : To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

#### 2.2. Label elements

Classification according to Classification, Labelling and Packaging of Substances and Mixtures (SEA) Regulation published in the Official Journal numbered 28848 on December 11, 2013.

No labelling applicable

#### 2.3. Other hazards

Other hazards not contributing to the classification

No additional information available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

| Name                                                                  | Product identifier                                                       | %     | Classification according to Classification, Labelling and Packaging of Substances and Mixtures (SEA) Regulation published in the Official Journal numbered 28848 on December 11, 2013. |
|-----------------------------------------------------------------------|--------------------------------------------------------------------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Aqua                                                                  | (CAS-No.) 7732-18-5<br>(EC-No.) 231-791-2                                | 99.49 | Not classified                                                                                                                                                                         |
| Didecyldimethylammonium chloride                                      | (CAS-No.) 7173-51-5<br>(EC-No.) 230-525-2<br>(EC Index-No.) 612-131-00-6 | 0.28  | Acute Tox. 4 (Oral), H302<br>Skin Corr. 1B, H314                                                                                                                                       |
| Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides | (CAS-No.) 68391-01-5<br>(EC-No.) 269-919-4                               | 0.14  | Acute Tox. 4 (Oral), H302<br>Skin Corr. 1, H314<br>Aquatic Acute 1, H400                                                                                                               |
| Edetic acid; (EDTA)                                                   | (CAS-No.) 60-00-4<br>(EC-No.) 200-449-4<br>(EC Index-No.) 607-429-00-8   | 0.04  | Eye Irrit. 2, H319                                                                                                                                                                     |
| Trisodium citrate                                                     | (CAS-No.) 6132-04-3<br>(EC-No.) 200-675-3                                | 0.03  | Not classified                                                                                                                                                                         |

# Biorad Ready Wipe

## Safety Data Sheet

In accordance with the Regulation on Safety Data Sheets Regarding Hazardous Substances and Mixtures published in the Official Journal numbered 29204 on December 13, 2014

Version: 1.0 Issue date: 18.06.2021

| Name          | Product identifier                      | %    | Classification according to Classification, Labelling and Packaging of Substances and Mixtures (SEA) Regulation published in the Official Journal numbered 28848 on December 11, 2013. |
|---------------|-----------------------------------------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Benzotriazole | (CAS-No.) 95-14-7<br>(EC-No.) 202-394-1 | 0.02 | Acute Tox. 4 (Oral), H302<br>Eye Irrit. 2, H319<br>Aquatic Chronic 2, H411                                                                                                             |

Full text of H-statements: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures after inhalation : No specific measures are necessary. If experiencing respiratory symptoms: Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : If skin irritation or rash occurs: Get medical advice/attention.

First-aid measures after eye contact : Rinse eyes with water as a precaution. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

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

No additional information available

#### 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 : Water spray. Dry powder. Foam.

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

Hazardous decomposition products in case of fire : Toxic fumes may be released.

#### 5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

### SECTION 6: Accidental release measures

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

##### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area.

##### 6.1.2. For emergency responders

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 : Mechanically recover the product.

Other information : Dispose of materials or solid residues at an authorized site.

#### 6.4. Reference to other sections

For further information refer to section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Hygiene measures : Do not eat, drink or smoke when using this product.

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

Storage conditions : Store in a well-ventilated place. Keep cool.

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

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

| Benzotriazole (95-14-7)                  |                           |
|------------------------------------------|---------------------------|
| DNEL/DMEL (Workers)                      |                           |
| Long-term - systemic effects, dermal     | 1.08 mg/kg bodyweight/day |
| Long-term - systemic effects, inhalation | 19 mg/m <sup>3</sup>      |
| DNEL/DMEL (General population)           |                           |
| Acute - systemic effects, oral           | 0.54 mg/kg bodyweight/day |
| Long-term - systemic effects, oral       | 0.54 mg/kg bodyweight/day |
| Long-term - systemic effects, inhalation | 9.55 mg/m <sup>3</sup>    |
| Long-term - systemic effects, dermal     | 0.54 mg/kg bodyweight/day |
| PNEC (Water)                             |                           |
| PNEC aqua (freshwater)                   | 0.0194 mg/l               |
| PNEC aqua (marine water)                 | 0.0194 mg/l               |
| PNEC aqua (intermittent, freshwater)     | 0.158 mg/l                |
| PNEC (Sediment)                          |                           |
| PNEC sediment (freshwater)               | 0.00375 mg/kg dwt         |
| PNEC sediment (marine water)             | 0.00375 mg/kg dwt         |
| PNEC (Soil)                              |                           |
| PNEC soil                                | 0.003 mg/kg dwt           |
| PNEC (STP)                               |                           |
| PNEC sewage treatment plant              | 0.1 mg/l                  |

#### 8.2. Exposure controls

|                                 |                                                                |
|---------------------------------|----------------------------------------------------------------|
| Hand protection                 | : Not required                                                 |
| Eye protection                  | : Not required                                                 |
| Respiratory protection          | : No respiratory protection needed under normal use conditions |
| 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            |
| Appearance                       | : Clear             |
| Colour                           | : Colorless liquid  |
| Odour                            | : Characteristic    |
| pH                               | : 6 - 8             |
| Melting point                    | : No data available |
| Freezing point                   | : Not applicable    |
| Boiling point                    | : No data available |
| Flash point                      | : Not applicable    |
| Auto-ignition temperature        | : Not applicable    |
| Decomposition temperature        | : No data available |
| Flammability (solid, gas)        | : Non flammable.    |
| Relative vapour density at 20 °C | : 0,995±0,03 g/ml   |
| Relative density                 | : No data available |
| Solubility                       | : Soluble in water. |

#### 9.2. Other information

No additional information available

### 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

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available

### 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 toxicological effects

|                             |                  |
|-----------------------------|------------------|
| Acute toxicity (oral)       | : Not classified |
| Acute toxicity (dermal)     | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

| Benzotriazole (95-14-7)           |                                                                                               |
|-----------------------------------|-----------------------------------------------------------------------------------------------|
| LD50 dermal rabbit                | > 2000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |
| Skin corrosion/irritation         | : Not classified                                                                              |
| Serious eye damage/irritation     | : Not classified                                                                              |
| Respiratory or skin sensitisation | : Not classified                                                                              |
| Germ cell mutagenicity            | : Not classified                                                                              |
| Carcinogenicity                   | : Not classified                                                                              |
| Reproductive toxicity             | : Not classified                                                                              |
| STOT-single exposure              | : Not classified                                                                              |
| STOT-repeated exposure            | : Not classified                                                                              |
| Aspiration hazard                 | : Not classified                                                                              |
| Biorad Ready Spray                |                                                                                               |
| Viscosity, kinematic              | Not applicable                                                                                |

## SECTION 12: Ecological information

### 12.1. Toxicity

|                                                           |                                                                                                                         |
|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Ecology - general                                         | : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. |
| Hazardous to the aquatic environment, short-term (acute)  | : Not classified                                                                                                        |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified                                                                                                        |

| Benzotriazole (95-14-7) |                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| LC50 - Fish [1]         | 55 mg/l Test organisms (species): Cyprinodon variegatus                                                                                 |
| LC50 - Fish [2]         | 180 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)                                                       |
| EC50 - Crustacea [1]    | 137 mg/l Test organisms (species): Daphnia magna                                                                                        |
| EC50 72h - Algae [1]    | 75 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |
| EC50 72h - Algae [2]    | 29 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

| Biorad Ready Spray        |                                     |
|---------------------------|-------------------------------------|
| Bioaccumulative potential | No additional information available |

### 12.4. Mobility in soil

| Biorad Ready Spray |                                     |
|--------------------|-------------------------------------|
| Mobility in soil   | No additional information available |

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

|                       |                                       |
|-----------------------|---------------------------------------|
| Ozone                 | : Not classified                      |
| Other adverse effects | : No additional information available |

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

- Regional legislation (waste) : Disposal must be done according to official regulations.  
Waste Management Regulation published in the Official Journal numbered 29314 on April 2, 2015.
- Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

### SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

| ADR                                     | IMDG                                                        | IATA                               | ADN                                | RID                                |
|-----------------------------------------|-------------------------------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| <b>14.1. UN number</b>                  |                                                             |                                    |                                    |                                    |
| Not regulated for transport             |                                                             |                                    |                                    |                                    |
| <b>14.2. UN proper shipping name</b>    |                                                             |                                    |                                    |                                    |
| Not applicable                          | Not applicable                                              | Not applicable                     | Not applicable                     | Not applicable                     |
| <b>14.3. Transport hazard class(es)</b> |                                                             |                                    |                                    |                                    |
| Not applicable                          | Not applicable                                              | Not applicable                     | Not applicable                     | Not applicable                     |
| Not applicable                          | Not applicable                                              | Not applicable                     | Not applicable                     | Not applicable                     |
| <b>14.4. Packing group</b>              |                                                             |                                    |                                    |                                    |
| Not applicable                          | Not applicable                                              | Not applicable                     | Not applicable                     | Not applicable                     |
| <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 | Dangerous for the environment : No | Dangerous for the environment : No |
| No supplementary information available  |                                                             |                                    |                                    |                                    |

#### 14.6. Special precautions for user

##### - Overland transport

No data available

##### - Transport by sea

No data available

##### - Air transport

No data available

##### - Inland waterway transport

No data available

##### - Rail transport

No data available

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

Not applicable

### SECTION 15: Regulatory information

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

##### 15.1.1. National regulations

- Local regulations (Turkey) : Regulation on Transportation of Dangerous Goods by Road published in the Official Journal numbered 28801 on October 24, 2013  
Personal Protective Equipment Regulation published in the Official Journal numbered 30761 on May 1, 2019  
Regulation on Use of Personal Protective Equipments in Workplaces published in the Official Journal numbered 28695 on July 2, 2013  
Occupational Health and Safety Regulation published in the Official Journal numbered 25311 on December 9, 2003  
Regulation on Test Methods that will be Applied to Determine the Physicochemical, Toxicological and Ecotoxicological Properties of Substances and Mixtures published in the Official Journal numbered 28848 on December 11, 2013  
Regulation on Health and Safety Precautions When Working with Chemical Substances published in the Official Journal numbered 28733 on August 12, 2013  
Regulation on Health and Safety Precautions When Working with Carcinogenic and Mutagenic Substances published in the Official Journal numbered 28730 on August 6, 2013.

This product doesn't contain any substances that is controlled or prohibited for use according to the Regulation on Ozone Depleting Substances published in the Official Journal numbered 30031 on April 7, 2017.

### SECTION 16: Other information

Abbreviations and acronyms:

|         |                                                                                                 |
|---------|-------------------------------------------------------------------------------------------------|
| ADN     | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR     | European Agreement concerning the International Carriage of Dangerous Goods by Road             |
| ATE     | Acute Toxicity Estimate                                                                         |
| BCF     | Bioconcentration factor                                                                         |
| BLV     | Biological limit value                                                                          |
| BOD     | Biochemical oxygen demand (BOD)                                                                 |
| COD     | Chemical oxygen demand (COD)                                                                    |
| DMEL    | Derived Minimal Effect level                                                                    |
| DNEL    | Derived-No Effect Level                                                                         |
| EC-No.  | European Community number                                                                       |
| EC50    | Median effective concentration                                                                  |
| EN      | European Standard                                                                               |
| IARC    | International Agency for Research on Cancer                                                     |
| IATA    | International Air Transport Association                                                         |
| IMDG    | International Maritime Dangerous Goods                                                          |
| LC50    | Median lethal concentration                                                                     |
| LD50    | Median lethal dose                                                                              |
| LOAEL   | Lowest Observed Adverse Effect Level                                                            |
| NOAEC   | No-Observed Adverse Effect Concentration                                                        |
| NOAEL   | No-Observed Adverse Effect Level                                                                |
| NOEC    | No-Observed Effect Concentration                                                                |
| OECD    | Organisation for Economic Co-operation and Development                                          |
| OEL     | Occupational Exposure Limit                                                                     |
| PBT     | Persistent Bioaccumulative Toxic                                                                |
| PNEC    | Predicted No-Effect Concentration                                                               |
| RID     | Regulations concerning the International Carriage of Dangerous Goods by Rail                    |
| SDS     | Safety Data Sheet                                                                               |
| STP     | Sewage treatment plant                                                                          |
| VOC     | Volatile Organic Compounds                                                                      |
| CAS-No. | Chemical Abstract Service number                                                                |
| N.O.S.  | Not Otherwise Specified                                                                         |
| vPvB    | Very Persistent and Very Bioaccumulative                                                        |

Data sources : ECHA (European Chemicals Agency). Classification according to Classification, Labelling and Packaging of Substances and Mixtures (SEA) Regulation published in the Official Journal numbered 28848 on December 11, 2013.

Full text of H- and EUH-statements

|                     |                                                                   |
|---------------------|-------------------------------------------------------------------|
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4                                 |
| Aquatic Acute 1     | Hazardous to the aquatic environment — Acute Hazard, Category 1   |
| Aquatic Chronic 2   | Hazardous to the aquatic environment — Chronic Hazard, Category 2 |
| Eye Irrit. 2        | Serious eye damage/eye irritation, Category 2                     |
| Skin Corr. 1        | Skin corrosion/irritation, Category 1                             |
| Skin Corr. 1B       | Skin corrosion/irritation, Category 1B                            |
| H302                | Harmful if swallowed.                                             |
| H314                | Causes severe skin burns and eye damage.                          |
| H319                | Causes serious eye irritation.                                    |
| H400                | Very toxic to aquatic life.                                       |
| H411                | Toxic to aquatic life with long lasting effects.                  |

Safety Data Sheet author's

|                         |                          |
|-------------------------|--------------------------|
| Name                    | İrem BEKTAŞ KART         |
| Certificate number      | KDU-A-0-0045             |
| Certificate valid until | 30/04/2024               |
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Safety Data Sheet (SDS), Turkey

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.