

# Safety Data Sheet

according to Regulation (EC) No 1907/2006



## Budenat® Rapid

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

#### 1.1. Product identifier

Budenat® Rapid

UFI: J910-S05J-900P-RUUC

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

##### Use of the substance/mixture

EuPCS: PP-BIO-2 Disinfectants and algaecides not intended for direct application to humans or animals ,  
PP-BIO-4 Biocidal products for food and feed area  
Process categories [PROC]: 10, 11  
Restricted to professional users.

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

|                 |                                 |                               |
|-----------------|---------------------------------|-------------------------------|
| Company name:   | BUZIL-WERK Wagner GmbH & Co. KG |                               |
| Street:         | Fraunhofer Str. 17              |                               |
| Place:          | D-87700 Memmingen               |                               |
| Telephone:      | +49 (0) 8331 930-6              | Telefax: +49 (0) 8331 930-880 |
| E-mail:         | info@buzil.de                   |                               |
| Contact person: | info@buzil.de                   |                               |
| Internet:       | www.buzil.com                   |                               |

**1.4. Emergency telephone number:** +49 (0) 8331 930-6 (08:00 - 16:00 h)

### SECTION 2: Hazards identification

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

Regulation (EC) No 1272/2008

Flam. Liq. 3; H226

Full text of hazard statements: see SECTION 16.

#### 2.2. Label elements

Regulation (EC) No 1272/2008

Signal word: Warning

Pictograms:



##### Hazard statements

H226 Flammable liquid and vapour.

##### Precautionary statements

|                |  |
|----------------|--|
| P210           | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.                                   |
| P233           | Keep container tightly closed.   |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P501           | Dispose of contents/containers in accordance with local and national regulations.  |

#### 2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.  
The inhalation of dust/mist or aerosols causes irritation of the respiratory tract.

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### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Hazardous components

| CAS No  | Chemical name                                 |              |                  | Quantity    |
|---------|---|--------------|------------------|-------------|
|         | EC No   | Index No     | REACH No         |             |
|         | Classification (Regulation (EC) No 1272/2008) |              |                  |             |
| 64-17-5 | Ethanol                                       |              |                  | 45 - < 50 % |
|         | 200-578-6                                     | 603-002-00-5 | 01-2119457610-43 |             |
|         | Flam. Liq. 2, Eye Irrit. 2; H225 H319         |              |                  |             |

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

##### Specific Conc. Limits, M-factors and ATE

| CAS No  | EC No   | Chemical name | Quantity    |
|---------|---|---------------|-------------|
|         | Specific Conc. Limits, M-factors and ATE  |               |             |
| 64-17-5 | 200-578-6   | Ethanol       | 45 - < 50 % |
|         | inhalation: LC50 = 95,6 mg/l (vapours); oral: LD50 = 6200 mg/kg Eye Irrit. 2; H319: >= 50 - 100 |               |             |

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information

Remove contaminated, saturated clothing immediately.

##### After inhalation

Provide fresh air.

##### After contact with skin

After contact with skin, wash immediately with plenty of water and soap.

Take off contaminated clothing and wash it before reuse.

##### After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

##### After ingestion

Rinse mouth immediately and drink plenty of water.

Do NOT induce vomiting.

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

No 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 jet  
alcohol resistant foam  
Carbon dioxide  
Extinguishing powder

##### Unsuitable extinguishing media

Full water jet

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

Hazardous combustion products:

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Carbon dioxide  
Carbon monoxide

### **5.3. Advice for firefighters**

Co-ordinate fire-fighting measures to the fire surroundings.  
Emergency cooling must be provided for in case of a fire in the vicinity.

### **Additional information**

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

## **SECTION 6: Accidental release measures**

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

#### **General advice**

Use personal protection equipment.  
Avoid contact with skin, eyes and clothes.

#### **For non-emergency personnel**

Ventilate affected area.

#### **For emergency responders**

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

### **6.2. Environmental precautions**

Do not allow to enter into surface water or drains.  
Do not allow to enter into soil/subsoil.

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

#### **For containment**

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

#### **For cleaning up**

Treat the recovered material as prescribed in the section on waste disposal.

#### **Other information**

Collect in closed and suitable containers for disposal.  
Ventilate affected area.

### **6.4. Reference to other sections**

Personal protection equipment: see section 8  
Disposal: see section 13

## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

#### **Advice on safe handling**

Avoid contact with skin, eyes and clothes.  
Do not mix with other chemicals.  
Use personal protection equipment.  
When using do not eat or drink.  
Do not breathe gas/fumes/vapour/spray.  
Use only in well-ventilated areas.

#### **Advice on protection against fire and explosion**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

#### **Advice on general occupational hygiene**

Take off contaminated clothing.  
Wash hands before breaks and after work.  
When using do not eat or drink.

#### **Further information on handling**

No further relevant information available.

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

#### Requirements for storage rooms and vessels

Keep container tightly closed.  
Store in a well-ventilated place. Keep cool.

#### Hints on joint storage

No special measures are necessary.

#### Further information on storage conditions

No further relevant information available.

### 7.3. Specific end use(s)

Disinfectants

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Additional advice on limit values

No information available.

### 8.2. Exposure controls



#### Appropriate engineering controls

No information available.

#### Individual protection measures, such as personal protective equipment

##### Eye/face protection

Wear eye protection/face protection. (EN 166)

##### Hand protection

Wear suitable gloves. (EN 374, Category III)

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits.

Suitable material: NBR (Nitrile rubber) / Thickness of the glove material > 0,1 mm

Protective gloves may be waived, if equivalent measures allowing for an increased skin stress because of wet work are implemented (e. g. application of suitable skin protecting creams).

##### Skin protection

Wear suitable work clothing.

##### Respiratory protection

Use only in well-ventilated areas.

In case of inadequate ventilation wear respiratory protection. (EN 14387, A1)

##### Thermal hazards

No further relevant information available.

##### Environmental exposure controls

Section 6: Accidental Release Measures

## SECTION 9: Physical and chemical properties

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

|                 |                |
|-----------------|----------------|
| Physical state: | Liquid         |
| Colour:         | colourless     |
| Odour:          | characteristic |

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### Test method

|   |                        |
|---|------------------------|
| Melting point/freezing point:                             | < -35 °C               |
| Boiling point or initial boiling point and boiling range: | approx. 85 °C          |
| Flammability:   | Flammable              |
| Lower explosion limits:                                   | not determined         |
| Upper explosion limits:                                   | not determined         |
| Flash point:  | 24 °C                  |
| Auto-ignition temperature:                                | not determined         |
| Decomposition temperature:                                | not applicable         |
| pH-Value (at 20 °C):                                      | 8 - 10                 |
| Viscosity / kinematic:<br>(at 40 °C)                      | not determined         |
| Water solubility:<br>(at 20 °C)                           | completely miscible    |
| Solubility in other solvents<br>not determined            |                        |
| Partition coefficient n-octanol/water:                    | not applicable         |
| Vapour pressure:  | not determined         |
| Density (at 20 °C):                                       | 0,93 g/cm <sup>3</sup> |
| Relative density:   | not determined         |
| Relative vapour density:                                  | not determined         |
| Particle characteristics:                                 | not relevant           |

### 9.2. Other information

#### Other safety characteristics

|                                    |                     |
|------------------------------------|---------------------|
| Viscosity / dynamic:<br>(at 25 °C) | < 10 mPa·s (50 1/s) |
| No information available.          |                     |

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

### 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

### 10.4. Conditions to avoid

The product is stable under storage at normal ambient temperatures.

### 10.5. Incompatible materials

No information available.

### 10.6. Hazardous decomposition products

No known hazardous decomposition products.

## SECTION 11: Toxicological information

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

#### Acute toxicity

Based on available data, the classification criteria are not met.

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### ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

| CAS No  | Chemical name           |                 |         |        |        |
|---------|-------------------------|-----------------|---------|--------|--------|
|         | Exposure route          | Dose            | Species | Source | Method |
| 64-17-5 | Ethanol                 |                 |         |        |        |
|         | oral                    | LD50 6200 mg/kg | Rat     | IUCLID |        |
|         | inhalation (4 h) vapour | LC50 95,6 mg/l  | Rat     | RTECS  |        |

### Irritation and corrosivity

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.

### Sensitising effects

Based on available data, the classification criteria are not met.

### Carcinogenic/mutagenic/toxic effects for reproduction

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

### STOT-single exposure

Based on available data, the classification criteria are not met.

### STOT-repeated exposure

Based on available data, the classification criteria are not met.

### Aspiration hazard

Based on available data, the classification criteria are not met.

## 11.2. Information on other hazards

### Other information

No information available.

## SECTION 12: Ecological information

### 12.1. Toxicity

Based on available data, the classification criteria are not met.

| CAS No  | Chemical name            |                        |           |               |        |
|---------|--------------------------|------------------------|-----------|---------------|--------|
|         | Aquatic toxicity         | Dose                   | [h]   [d] | Species       | Source |
| 64-17-5 | Ethanol                  |                        |           |               |        |
|         | Acute crustacea toxicity | EC50 9268 - 14221 mg/l | 48 h      | Daphnia magna | IUCLID |

### 12.3. Bioaccumulative potential

No indication of bioaccumulation potential.

### Partition coefficient n-octanol/water

| CAS No  | Chemical name | Log Pow |
|---------|---------------|---------|
| 64-17-5 | Ethanol       | -0,31   |

### 12.4. Mobility in soil

The product has not been tested.

### 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

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### 12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

### 12.7. Other adverse effects

No information available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Disposal recommendations

Dispose of waste according to applicable legislation.  
Delivery to an approved waste disposal company.

#### List of Wastes Code - residues/unused products

070604 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; other organic solvents, washing liquids and mother liquors; hazardous waste

#### List of Wastes Code - contaminated packaging

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

#### Contaminated packaging

Delivery to an approved waste disposal company.

## SECTION 14: Transport information

### Land transport (ADR/RID)

#### 14.1. UN number or ID number:

UN 1170

#### 14.2. UN proper shipping name:

ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

#### 14.3. Transport hazard class(es):

3

#### 14.4. Packing group:

III

Hazard label:

3



Classification code:

F1

Special Provisions:

144 601

Limited quantity:

5 L

Transport category:

3

Hazard No:

30

Tunnel restriction code:

D/E

### Inland waterways transport (ADN)

#### 14.1. UN number or ID number:

UN 1170

#### 14.2. UN proper shipping name:

ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

#### 14.3. Transport hazard class(es):

3

#### 14.4. Packing group:

III

Hazard label:

3



Classification code:

F1

Special Provisions:

144 601

Limited quantity:

5 L

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### Marine transport (IMDG)

**14.1. UN number or ID number:** UN 1170  
**14.2. UN proper shipping name:** ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** III  
Hazard label: 3



Marine pollutant: no  
Special Provisions: 144, 223  
Limited quantity: 5 L  
EmS: F-E, S-D

### Air transport (ICAO-TI/IATA-DGR)

**14.1. UN number or ID number:** UN 1170  
**14.2. UN proper shipping name:** ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** III  
Hazard label: 3



Special Provisions: A3 A58 A180  
Limited quantity Passenger: 10 L  
IATA-packing instructions - Passenger: 355  
IATA-max. quantity - Passenger: 60 L  
IATA-packing instructions - Cargo: 366  
IATA-max. quantity - Cargo: 220 L

### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

### 14.6. Special precautions for user

No information 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

#### EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 40, Entry 75

Directive 2010/75/EU on industrial emissions: 45,6 %

#### National regulatory information

Water hazard class (D): 1 - slightly hazardous to water

### 15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

## SECTION 16: Other information



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### Changes

This data sheet contains changes from the previous version in section(s): 7,8,14,15.

### Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service  
LC50: Lethal concentration, 50%  
LD50: Lethal dose, 50%

Process categories according to ECHA guidance on information requirements and chemical safety assessment, chapter R.12:

PROC 1: Use in closed processes.

PROC 2: Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions

PROC 4: Chemical production where opportunity for exposure arises

PROC 7: Industrial spraying

PROC 8 (Transfer): Dilution of concentrated products, application of drain cleaners, dosage of textile washing agents.

PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing)

PROC 10 (Roller application or brushing): Processing without large-scale spraying.

PROC 11 (Spraying outside industrial settings): Processing with large-scale spraying (e. g. high pressure cleaning, foam gun).

PROC 13: Treatment of articles by dipping and pouring

PROC 19 (Hand-mixing with intimate contact): Hand cleaning and disinfection

### Relevant H and EUH statements (number and full text)

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H319 Causes serious eye irritation.

### Further Information

Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]: 9 (1)

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

*(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*