

# DUROTEST<sup>®</sup> S (SDS.P10.V2)

SDS according to (EC) No. 1907/2006

Issued:

April 2022

Review date:

April 2024

## Section 1 – Identification of the substance / mixture and of the company undertaking

### 1.1 Product identifier

Product: DUROTEST<sup>®</sup> S  
Art. No.: P10 / P10A

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

Identified uses: Detection of non-durum wheat adulteration in durum wheat

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

Company: R-Biopharm Rhône Ltd  
Block 10 Todd Campus  
West of Scotland Science Park  
Acre Road, Glasgow G20 0XA  
Technical Phone: + 44 (0) 141 945 2924  
Technical Fax: + 44 (0) 141 945 2925  
E-mail address: info@r-biopharmrhone.com

### 1.4 Emergency telephone number

+44 (0) 141 945 2924  
Monday to Friday 8.30 am - 4.30 pm  
English speaking

## Section 2 – Hazards identification

### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No.1272/2008  
*See separate Safety data sheet for Staining Reagent components of kit*

#### Mixture

All other reagents and mixtures contained in this kit are not classified according to Regulation (EC) No. 1272/2008.

#### Substance

Membrane strips containing nitrocellulose.  
Flammable solid (category 2), H228.

### 2.2 Label elements

Labelling according to EU Regulation (EC) No. 1272/2008.

### Hazard Pictograms



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#### Hazard statement(s)

H228 Flammable solid (category 2)

#### Precautionary statement

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P223 Keep container tightly closed.

P280 Wear protective gloves and protective clothing.

#### 2.3 Other hazards

None found.

### Section 3 - Composition / information on ingredients

#### 3.1 Substances

#### Hazardous ingredients according to Regulation (EC) No. 1272/2008

Component	Classification	Concentration
Nitrocellulose		20 small membrane strips
CAS-No. 9004-70-0 EC-No. 603-037-00-6	Flam. Sol. 2; H228	

#### 3.2 Mixtures

All mixtures (except staining reagents - see separate SDS) are not classified according to Regulation (EC) No. 1272/2008, and a Safety Data Sheet is not required for these under Article 31 of REACH.

### Section 4 - First aid measures

#### 4.1 Description of first aid measures

If ingested: Never give anything by mouth to an unconscious person. Do not induce vomiting without medical advice. Get medical attention if symptoms occur.

If inhaled: Move person into fresh air. Consult a doctor/physician.

In case of Skin Contact: Remove contaminated clothing. Rinse skin with plenty of water or shower. Consult a doctor/physician.

In case of Eye Contact: Flush eyes with water for several minutes. Remove contact lenses where possible. Consult a doctor/physician.

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

No data available.

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

No data available.

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### Section 5 - Fire fighting measures

#### 5.1 Extinguishing Media

Use dry chemical, water spray, carbon dioxide or foam.

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

Flammable solid (i.e. membrane strips). Nitrogen oxides may be produced.

#### 5.3 Advice for firefighters

Wear self-contained breathing apparatus and protective suit.

### Section 6 - Accidental release measures

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

Wear personal protective equipment, such as a lab coat, gloves and eye protection.

#### 6.2 Environmental precautions

Prevent further leakage if safe to do so.

#### 6.3 Methods and materials for containment and cleaning up

Soak up the spill with an inert absorbent material (e.g. paper towels). Place the waste in a suitable closed container (e.g. plastic bag) for disposal. Wash away any residue with water.

#### 6.4 Reference to other sections

For disposal see section 13

### Section 7 - Handling and storage

#### 7.1 Precautions for safe handling

Keep away from sources of ignition – No smoking. Ensure adequate ventilation and avoid formation of aerosols. Wear personal protective equipment such as a lab coat, gloves and eye protection. Avoid contact with skin and eyes.

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

Keep containers tightly closed, store kits upright at 2 - 8 °C. Store the conjugate frozen.

#### 7.3 Specific end use(s)

Apart from the uses mentioned in Section 1, no other uses are stipulated.

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### Section 8 - Exposure controls / personal protection

#### **8.1 Components with workplace control parameters**

This product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

#### **8.2 Exposure controls**

##### **Appropriate engineering controls**

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. Wear Personal Protective Equipment e.g. lab coats, eye protection, skin protection.

##### **Eye/face protection**

Face shield and safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as EN 166(EU).

##### **Skin protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

##### **Body protection**

Wear lab coat.

##### **Respiratory protection**

No data available.

##### **Control of environmental exposure**

No data available.

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### Section 9 - Physical and chemical properties

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

a	Appearance Membrane strips Semolina standards / tubes with blocking agent Antibody conjugate	Form: solid, Colour: white Form: solid / granular, Colour: off white Form: liquid, Colour: colourless
b	Odour	No data available
c	Odour threshold	No data available
d	pH	No data available
e	Melting pt. / freezing pt.	No data available
f	Initial boiling point	No data available
g	Flash point	No data available
h	Evaporation rate	No data available
i	Flammability (solid, gas)	Nitrocellulose membrane becomes a 'Flammable Solid Category 2' when removed from packaging
j	Upper / lower explosion limit	No data available
k	Vapour pressure	No data available
l	Vapour density	No data available
m	Relative density	No data available
n	Water solubility	No data available
o	Partition coefficient: n-octanol / water	No data available
p	Auto-ignition temperature	No data available
q	Decomposition temperature	No data available
r	Viscosity	No data available
s	Explosive properties	No data available
t	Oxidizing properties	No data available

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### Section 10 - Stability and reactivity

#### 10.1 Reactivity

No data available.

#### 10.2. Chemical stability

Stable under recommended storage conditions.

#### 10.3. Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

#### 10.4. Conditions to avoid

Avoid all possible sources of ignition (spark or flame).

#### 10.5. Incompatible materials

Strong oxidising agents and reducing agents.

#### 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

##### Likely routes of exposure:

Skin and eyes, inhalation and accidental ingestion.

##### Acute toxicity

No data available.

##### Skin / eye corrosion / irritation

No data available.

##### Respiratory or skin sensitization

No data available.

##### Germ cell mutagenicity/ carcinogenicity and reproductive toxicity

Product is not expected to be mutagenic, carcinogenic or a reproductive toxicant. No component of this product equal to or greater than 0.1% has been identified by IARC, ACGIH, OSHA or NTP to be carcinogenic.

##### STOT – single/ repeated exposure

No data available.

##### Aspiration toxicity

No data available.

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## Section 12 - Ecological information

### 12.1. Toxicity

No data available.

### 12.2. Persistence and degradability

No data available.

### 12.3. Bioaccumulative potential

No data available.

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

No data available.

### 12.6. Other adverse effects

No data available.

## Section 13 - Disposal

### 13.1 Waste treatment methods

Treatment, storage and transportation must comply with all national and local laws concerning health and pollution.

## SECTION 14: Transport information

### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

Not applicable.

### 14.4. Packaging group

Not applicable.

### 14.5. Environmental hazards

Not applicable.

### 14.6. Special precautions for user

Not applicable.

Note: this product is not regulated as dangerous goods for transport according to expert opinion BAM (Federal Institute for Materials Research and Testing (*translated*)).

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### Section 15 - Regulatory Information

This Safety Data Sheet was prepared in accordance with Regulation (EC) No. 1907/2006. This product is not subject to identification regulations under EU Directives.

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

No data available.

#### **15.2 Chemical Safety Assessment**

A chemical safety assessment has not been carried out for this product.

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### **Section 16 - Other information**

#### **Full text of H statements (referred to in sections 2 and 3):**

H228

Flammable solid.

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The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. R-Biopharm Rhône Ltd shall not be held liable for any damage resulting from handling or from contact with the above product. Users should make their own investigations to determine the suitability of the information for their particular purposes.

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