

## SAFETY DATA SHEET

(IN COMPLIANCE WITH REGULATIONS (EC) No. 1907/2006, (EC) No. 1272/2008 & (EU) No. 2015/830)

### 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

#### 1.1 Product identifier

Product name: fluidiphore rapid amine 503

Product number: L00487

REACH registration number: A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration, or the registration is envisaged for a later registration deadline.

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

Identified uses: Protein label.

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

Fluidic Analytics Limited  
Unit A The Paddocks  
Business Centre  
Cherry Hinton Road  
Cambridge CB1 8DH  
United Kingdom

Telephone number: +44 (0) 1223 560432

E-mail of competent person for the safety data sheet: sean.devenish@fluidic.com

#### 1.4 Emergency telephone number

+44 (0) 1223 560432

Available outside office hours? No.

### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

#### 2.2 Label elements

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

#### 2.3 Other hazards

This substance is not considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB).

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

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### 3.1 Substances

No components need to be disclosed according to the applicable regulations.

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

*If inhaled:*

If breathed in, move person into fresh air.

*In case of skin contact:*

Wash off with soap and plenty of water.

*In case of eye contact:*

Flush eyes with water as a precaution.

*If swallowed:*

Never give anything by mouth to unconscious person. Rinse mouth with water.

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

None.

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

None.

## 5. FIRE-FIGHTING MEASURES

### 5.1 Extinguishing media

*Suitable extinguishing media:* Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

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

Nature of decomposition products not known.

### 5.3 Advice for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

### 5.4 Further information

None.

## 6. ACCIDENTAL RELEASE MEASURES

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

Avoid dust formation. Avoid breathing vapours, mist or gas. For personal protection see section 8.

### 6.2 Environmental precautions

No special environmental precautions required.

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

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Sweep up and shovel. Keep in suitable, closed containers for disposal.

### 6.4 Reference to other sections

For disposal see section 13.

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Provide appropriate exhaust ventilation at places where dust is formed.

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

Store in cool place. Ensure container tightly closed in a dry and well-ventilated place. Recommended storage temperature for powder 4°C and when reconstituted -20°C.

### 7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

Contains no substances with occupational exposure limits.

### 8.2 Exposure controls

#### 8.2.1 Appropriate engineering controls

None required (*General industrial hygiene practice*).

#### 8.2.2 Personal protective equipment

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

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

##### *Skin protection:*

Handle with gloves (standard EN 374). Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

##### *Respiratory protection:*

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type P1 (EN 143) dust masks.

#### 8.2.3 Environmental exposure controls

No special environmental precautions required.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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### 9.1 Information on basic physical and chemical properties

- |   |                                    |
|---|------------------------------------|
| a) <i>Appearance:</i>                                   | Form: powder<br>Colour: Dark blue. |
| b) <i>Odour:</i>  | No information available.          |
| c) <i>Odour threshold:</i>                              | No information available.          |
| d) <i>pH:</i>   | No information available.          |
| e) <i>Melting point/freezing point:</i>                 | No information available.          |
| f) <i>Initial boiling point &amp; boiling range:</i>    | No information available.          |
| g) <i>Flash point:</i>                                  | No information available.          |
| h) <i>Evaporation rate:</i>                             | No information available.          |
| i) <i>Flammability (solid, gas):</i>                    | No information available.          |
| j) <i>Upper/lower flammability or explosive limits:</i> | No information available.          |
| k) <i>Vapour pressure:</i>                              | No information available.          |
| l) <i>Vapour density:</i>                               | No information available.          |
| m) <i>Relative density:</i>                             | No information available.          |
| n) <i>Solubility:</i>                                   | No information available.          |
| o) <i>Partition coefficient (n-octanol/water):</i>      | No information available.          |
| p) <i>Auto-ignition temperature:</i>                    | No information available.          |
| q) <i>Decomposition temperature:</i>                    | No information available.          |
| r) <i>Viscosity:</i>                                    | No information available.          |
| s) <i>Explosive properties:</i>                         | No information available.          |
| t) <i>Oxidising properties:</i>                         | No information available.          |

### 9.2 Other information

None.

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### 10. STABILITY AND REACTIVITY

#### 10.1 Reactivity

No information available.

#### 10.2 Chemical stability

Stable under recommended storage conditions.

#### 10.3 Possibility of hazardous reactions

No information available.

#### 10.4 Conditions to avoid

No information available.

#### 10.5 Incompatible materials

Strong oxidizing agents.

#### 10.6 Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. Nature of decomposition products not known. In the event of fire: see section 5

### 11. TOXICOLOGICAL INFORMATION

#### 11.1 Information on toxicological effects

*Acute toxicity:*

No information available.

*Skin corrosion/irritation:*

No information available.

*Serious eye damage/irritation:*

No information available.

*Respiratory or skin sensitisation:*

No information available.

*Germ cell mutagenicity:*

No information available.

*Carcinogenicity:*

No information available.

*Reproductive toxicity:*

No information available.

*STOT-single exposure:*

No information available.

*STOT-repeated exposure:*

No information available.

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*Aspiration hazard:*

No information available.

### 12. ECOLOGICAL INFORMATION

#### 12.1 Toxicity

No information available.

#### 12.2 Persistence and degradability

No information available.

#### 12.3 Bioaccumulative potential

No information available.

#### 12.4 Mobility in soil

No information available.

#### 12.5 Results of PBT and vPvB assessment

This substance is not considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB).

#### 12.6 Other adverse effects

No information available.

### 13. DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods

*Product:*

Offer surplus and non-recyclable solutions to a licensed disposal company.

*Contaminated packaging:*

Dispose of as unused product.

### 14. TRANSPORT INFORMATION

#### 14.1 UN number

Not relevant.

#### 14.2 UN proper shipping name

Not relevant.

#### 14.3 Transport hazard class(es)

Not classified.

#### 14.4 Packing group

Not relevant.

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### 14.5 Environmental hazards

Not relevant.

### 14.6 Special precautions for user

No special precautions.

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

Not relevant.

## 15. REGULATORY INFORMATION

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

This safety datasheet complies with the requirements of Regulations (EC) No. 1907/2006, (EC) No. 1272/2008 and (EU) No. 2015/830.

### 15.2 Chemical safety assessment

For this product a chemical safety assessment was not carried out.

## 16. OTHER INFORMATION

#### Third party materials:

Insofar as materials not manufactured or supplied by Fluid Analytics Limited are used in conjunction with, or instead of Fluid Analytics Limited materials, it is the responsibility of the customer to obtain, from the manufacturer or supplier, all technical data and other properties relating to these and other materials and to obtain all necessary information relating to them. No liability can be accepted in respect of the use of Fluid Analytics Limited's products in conjunction with materials from another supplier.

#### Liability:

Such information is to the best of Fluidic Analytics Limited's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy the suitability and completeness of such information for a particular use.