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## MATERIAL SAFETY DATA SHEET

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

#### 1.1 Product identifiers

Product name: Rapid Romanowsky Stain Solution B

Brand: Solmedia Ltd

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

Identified uses – Manufacture of substances. Laboratory chemicals.

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

- Name of Supplier: Solmedia Ltd.  
- Address of Supplier: Unit 2, Vernon Drive  
Battlefield Enterprise Park  
Shrewsbury  
SY1 3TF  
UK  
- Telephone: 0844 80 80 900  
- Email: [labsupplies@solmedialtd.com](mailto:labsupplies@solmedialtd.com)

#### 1.4 Emergency telephone number

Emergency Phone # +44 (0)844 80 80 900

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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Classification under CLP: EUH032

**Most important adverse effects:** Contact with acids liberates very toxic gas.

#### 2.2 Label elements

**Label elements under CLP:**

**Hazard statements:** EUH032: Contact with acids liberates very toxic gas.

#### 2.3 Other hazards

**PBT:** This product is not identified as a PBT/vPvB substance.

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### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

##### Hazardous ingredients:

## SODIUM AZIDE

EINECS	CAS	CHIP Classification	CLP Classification	Percent
247-852-1	26628-22-8	-	Acute Tox. 2: H300; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; -: EUH032	<1%

**Contains:** Azur B C.I. 52010

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**SECTION 4: First aid measures****4.1 Description of first aid measures**

**Skin contact:** Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.

**Eye contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice.

**Ingestion:** Wash out mouth with water. Never give anything by mouth to an unconscious person. Do not induce vomiting. Consult a doctor.

**Inhalation:** If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a doctor.

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

**Skin contact:** May be harmful if absorbed through the skin. There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely. The vision may become blurred.

**Ingestion:** May be harmful if swallowed. There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur. There may be vomiting.

**Inhalation:** May be harmful if inhaled. May cause respiratory tract irritation. There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing. May cause drowsiness and dizziness.

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

Show this safety data sheet to the doctor in attendance. Eye bathing equipment should be available on the premises.

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**SECTION 5: Firefighting measures****5.1 Extinguishing media**

Water spray. Alcohol resistant foam. Dry chemical powder. Carbon dioxide.

## 5.2 Special hazards arising from the substance or mixture

In combustion emits toxic fumes.

## 5.3 Advice for firefighters

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes. Use water spray to cool unopened containers.

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## SECTION 6: Accidental release measures

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

Use personal protective equipment. Avoid inhalation of vapours and contact with skin and eyes. Refer to section 8 of SDS for personal protection details.

### 6.2 Environmental precautions

Do not let product enter drains.

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

Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

### 6.4 Reference to other sections

For personal protection, see section 8. For waste disposal, see section 13.

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

**Handling requirements:** Ensure there is sufficient ventilation of the area. Avoid breathing vapours, mist or gas. Avoid direct contact with the substance. Avoid contact with skin and eyes.

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

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

### 7.3 Specific end use(s)

No other specific uses stipulated other than the uses mentioned in section 1.2.

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

**Hazardous ingredients:**

SODIUM AZIDE

Workplace exposure limits:

Respirable dust:

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min STEL
UK	0.1 mg/m <sup>3</sup>	0.3 mg/m <sup>3</sup>	-	-

**DNEL / PNEC** No data available.

## 8.2 Exposure controls

**Engineering measures:** Handle in accordance with good industrial hygiene and safety practice. Wash hands before and after breaks and at the end of workday.

**Respiratory protection** Respiratory protection not required. For nuisance exposure use type OV/AG (US) or type ABEK (UN EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). (EU).

**Hand 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 with this product. Dispose of contaminated gloves after use in accordance with application laws and good laboratory practises. 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.

**Eye protection:** Use equipment for eye protection tested and approved under appropriate government standards.

**Skin protection:** Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace

**Environmental:** Do not let product enter drains.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

**State:** Liquid

**Solubility in water:** Soluble

### 9.2 Other safety information

No data available

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Stable under recommended transport or storage condition

**10.2 Chemical stability**

Stable under normal conditions.

**10.3 Possibility of hazardous reactions**

Hazardous reactions will not occur under normal transport or storage conditions.

**10.4 Conditions to avoid**

Heat.

**10.5 Incompatible materials**

Strong oxidising agents. Strong acids

**10.6 Hazardous decomposition products**

In combustion emits toxic fumes.

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**SECTION 11: Toxicological information****11.1 Information on toxicological effects****Hazardous ingredients:**

SODIUM AZIDE

ORL	MUS	LD50	27	mg/kg
ORL	RAT	LD50	27	mg/kg
SKN	RAT	LD50	50	mg/kg

**Toxicity values:** No data available.

**Symptoms / routes of exposure**

**Skin contact:** May be harmful if absorbed through the skin. There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely. The vision may become blurred.

**Ingestion:** May be harmful if swallowed. There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur. There may be vomiting.

**Inhalation:** May be harmful if inhaled. May cause respiratory tract irritation. There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing. May cause drowsiness and dizziness.

**Other information:** To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

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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

Soluble in water

### 12.5 Results of PBT and vPvB assessment

This product is not identified as a PBT/vPvB substance

### 12.6 Other adverse effects

No data available

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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company. Offer surplus and non-recyclable solutions to a licensed disposal company.

**Disposal of packaging:** Dispose of as unused product.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

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## SECTION 14: Transport information

This product does not require a classification for transport.

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## SECTION 15: Regulatory information

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

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## SECTION 16: Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and 3:**

EUH032: Contact with acids liberates very toxic gas.

H300: Fatal if swallowed.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

**Further information**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Solmedia Ltd shall not be held liable for any damage resulting from handling or from contact with the above product.