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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:** NEUTRAL RED (1% Aqueous in 1% Acetic Acid)  
**Item Code:** NSI-007195  
**Brand:** Solmedia Ltd

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

Identified uses: PC21: 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

#### 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:**

Eye Irrit. 2: H319; Skin Irrit. 2: H315

#### 2.2 Label elements

**Hazard statements:** H315: Causes skin irritation.  
H319: Causes serious eye irritation.  
**Signal words:** Warning  
**Hazard pictograms:** GHS07: Exclamation mark



**Precautionary statements:**

P264: Wash hands thoroughly after handling.

P337+313: If eye irritation persists: Get medical advice/attention.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332+313: If skin irritation occurs: Get medical advice/attention.

P362: Take off contaminated clothing and wash before reuse.

## 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:**

**ACETIC ACID**

EINECS	CAS	CLP Classification	Percent
00-580-7	64-19-7	-: R10; C: R35	<1%

**Non-hazardous ingredients:**

**NEUTRAL RED INDICATOR**

EINECS	CAS	CLP Classification	Percent
-	553-24-2	-	<1%

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## SECTION 4: First aid measures

### 4.1 Description of first aid measures

<b>Skin contact:</b>	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues. Consult a doctor
<b>Eye contact:</b>	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention immediately. Continue to rinse.
<b>Ingestion:</b>	Do not induce vomiting. Never give anything by mouth to an unconscious person. Wash out mouth with water. Consult a doctor.
<b>Inhalation:</b>	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

<b>Skin contact:</b>	May be harmful if absorbed through the skin. There may be irritation and redness at the site of contact.
<b>Eye contact:</b>	There may be irritation and redness. The eyes may water profusely.
<b>Ingestion:</b>	May be harmful if swallowed. There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. There may be vomiting. Nausea and stomach pain may occur.
<b>Inhalation:</b>	May be harmful if inhaled. 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.

#### **Delayed / immediate effects:**

Immediate effects can be expected after short-term exposure.

#### 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. Use water spray to cool containers.

#### 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 dust formation Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8.

#### 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Discharge into environment must be avoided..

### 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

Avoid direct contact with the substance. Avoid contact with skin and eyes. Avoid breathing vapours, mist or gas. Ensure there is sufficient ventilation of the area. For precautions see section 2.2.

### 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

#### Workplace exposure limits:

No data available

#### DNEL / PNEC

No data available.

### 8.2 Exposure controls

#### Engineering measures:

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. Avoid contact with skin, eyes and clothing.

#### Respiratory protection:

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (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:**

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

**Skin protection:**

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

**Environmental:**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

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**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

<b>State</b>	Liquid
<b>Odour:</b>	Barely perceptible odour
<b>Solubility in water:</b>	Soluble
<b>Boiling point/range°C:</b>	100
<b>Melting point/range°C:</b>	0

**9.2 Other safety information**

No data available

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Stable under recommended transport or storage conditions.

### 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.

Decomposition may occur on exposure to conditions or materials listed below.

### 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:**

**ACETIC ACID**

IVN	RAT	LD50	525	mg/kg
ORL	RAT	LD50	3310	mg/kg

**Toxicity values:** No data available.

#### Symptoms / routes of exposure

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

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

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

**Inhalation:** May be harmful if inhaled. 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.

**Delayed / immediate effects:**

Immediate effects can be expected after short-term exposure.

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## SECTION 12: Ecological information

### 12.1 Toxicity

**Hazardous ingredients:**

**ACETIC ACID**

Daphnia magna	48H EC50	>300.82	mg/l
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### 12.2 Persistence and degradability

Biodegradable.

### 12.3 Bioaccumulative potential

No bioaccumulation potential.

### 12.4 Mobility in soil

Readily absorbed into soil.

### 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-recycle-able solutions to a licensed disposal company.

**Recovery operations:** Not applicable.

**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**

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

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006

### **15.2 Chemical safety assessment**

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

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## **SECTION 16: 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:**

H226: Flammable liquid and vapour.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

R10: Flammable.

R35: Causes severe burns.

### **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.