

# SLS Select Education - Safety Data Sheet

CHE5852SE

(in accordance with regulation (EU) 2015/830 and regulation (EC) 1272/2008)

Revision: 1.1

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## Section 1. Identification

### 1.1 Product Identifier

CHE5852SE

Product Name

POTASSIUM PERMANGANATE 0.02M (N/10) 2.5L.

CAS Number

Mixture

REACH Registration No

A registration number is not available as the substance or its uses are exempt, the annual tonnage does not require a registration or the registration is envisaged for a later date.

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

Uses of Material

Chemical for industrial and laboratory use. Not suitable for domestic use.

### 1.3 Supplier

SLS Select Education



Wilford Industrial Estate  
Ruddington Lane  
Wilford  
Nottingham  
NG11 7EP  
UNITED KINGDOM

Phone

0115 9821111

Fax

0115 9825275

Email

sales@scientific-labs.com

### 1.4 Emergency Telephone

(08:00-17:00) 0115 9821111  
(24hr) 112  
(Have this document to hand)

## Section 2. Hazards Identification

### 2.1 Classification of the substance or mixture

#### Classification according to regulation 1272/2008/EC

Not classified as hazardous.

### 2.2 Label elements

#### Labelling according to regulation 1272/2008/EC

Not classified as hazardous.

## Section 3. Composition

### 3.2 Mixtures

No hazardous components.

## Section 4. First Aid

### 4.1 Description of first aid measures

Eyes

Irrigate thoroughly with plenty of water for at least 10 minutes, holding the eye open. If discomfort persists  
OBTAIN MEDICAL ATTENTION.

|                                      |   |
|--------------------------------------|---|
| Skin                                 | Wash off skin thoroughly with water. Remove contaminated clothing immediately and wash before re-use.                       |
| Inhalation                           | Remove from exposure.   |
| Ingestion                            | Wash out the patients mouth thoroughly with water. In severe cases or if exposure has been great, OBTAIN MEDICAL ATTENTION. |
| Personal protection for first aiders | Wear protective gloves / eye protection.  |

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

No further relevant information available.

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

No further relevant information available.

## Section 5. Fire Fighting

### 5.1 Extinguishing media

|                     |  |
|---------------------|--|
| Extinguishing Media | Consider what other flammable materials are present and act accordingly. |
| Unsuitable Media    | Nothing specified.   |

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

|         |   |
|---------|---|
| Hazards | May evolve toxic fumes if involved in a fire. |
|---------|---|

### 5.3 Advice for firefighters

|                         |   |
|-------------------------|---|
| Advice for firefighters | Consider all other materials in the vicinity. |
|-------------------------|---|

## Section 6. Accidental Release Measures

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

|                     |                            |
|---------------------|----------------------------|
| Personal Protection | Presents no major hazards. |
|---------------------|----------------------------|

### 6.2 Environmental precautions

|               |   |
|---------------|---|
| Environmental | Presents no major environmental hazard. |
|---------------|---|

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

|                |   |
|----------------|---|
| Major Spillage | Wash area down with copious amounts of water. |
| Minor Spillage | Wash area down with copious amounts of water. |

### 6.4 Reference to other sections

See section 8.2 for information on protective equipment and section 13 for information on disposal.

## Section 7. Storage & Handling

### 7.1 Precautions for safe handling

No specific precautions.

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

Well ventilated, cool, dry storage . Protect from direct sunlight.

### 7.3 Specific end use(s)

See section 1.2.

## Section 8. Workplace Exposure & Personal Protection

### 8.1 Control parameters

Exposure data source(s) No hazardous components.

## 8.2 Exposure controls

|                        |   |
|------------------------|---|
| Respiratory Protection | Presents no significant inhalation health hazard.   |
| Hand Protection        | Use nitrile gloves or PVC gauntlets.  |
| Eye Protection         | Use tightly fitting chemical splash proof glasses or goggles.                             |
| Skin Protection        | If skin contact or contamination of clothing is likely, protective clothing must be worn. |
| Special Hazards        | No special precautions required.  |

## Section 9. Physical & Chemical Properties

### 9.1 Information on basic physical and chemical properties

|                       |                              |
|-----------------------|------------------------------|
| Appearance            | Clear purple liquid.         |
| Odour                 | No specific odour.           |
| pH                    | 7 @ 20°C                     |
| Boiling Point         | 100 °C Aqueous solution      |
| Melting Point         | 0 °C                         |
| Flash Point           | Not applicable               |
| Upper Flammable Limit | Not applicable               |
| Lower Flammable Limit | Not applicable               |
| Auto Ignition         | Not applicable               |
| Explosive Properties  | No.                          |
| Oxidising Properties  | No.                          |
| Vapour Pressure       | Not applicable               |
| Relative Density      | 1.0000                       |
| Water Solubility      | Completely soluble in water. |

### 9.2 Other information

No data available.

## Section 10. Stability & Reactivity

|   |  |
|---|--|
| 10.1 Reactivity                         | No data available.                                 |
| 10.2 Chemical Stability                 | Stable under normal conditions                     |
| 10.3 Possibility of hazardous reactions | No data available.                                 |
| 10.4 Conditions to Avoid                | No specific conditions.                            |
| 10.5 Incompatible Materials             | No specific materials to avoid.                    |
| 10.6 Hazardous Decomposition Products   | May produce hazardous fumes if involved in a fire. |

## Section 11. Toxicological Information

### 11.1 Information on toxicological effects

|                 |   |
|-----------------|---|
| Eyes            | Presents no significant health hazard to the eyes.  |
| Skin            | Stains skin.  |
| LD50 Skin       | Not available   |
| Ingestion       | Ingestion of large amounts will cause severe internal irritation and damage, nausea, vomiting, abdominal pains and diarrhoea. |
| LD50 Oral       | Not available   |
| Inhalation      | Presents no significant health hazard by inhalation.  |
| LD50 Inhalation | Not available   |
| TCLo            | Not available   |
| Carcinogenicity | Not considered to be a carcinogen.  |

|                      |                                 |
|----------------------|---------------------------------|
| Mutagenicity         | Not considered to be a mutagen. |
| Reproductive Effects | None identified.                |

## Section 12. Ecological

|  |                                   |
|--|-----------------------------------|
| <b>12.1 Toxicity</b>                             | No specific environmental hazard. |
| LC50 Algal                                       | Not available                     |
| LC50 Crustacea                                   | Not available                     |
| LC50 Fish  | Not available                     |
| <b>12.2 Persistence and degradability</b>        | No data available.                |
| <b>12.3 Bioaccumulative potential</b>            | No data available.                |
| <b>12.4 Mobility in soil</b>                     | No data available.                |
| <b>12.5 Results of PBT &amp; vPvB assessment</b> | Assessment not required.          |
| <b>12.6 Other adverse effects</b>                | None known at present.            |

## Section 13. Disposal Considerations

### 13.1 Waste treatment methods

|                        |                                |
|------------------------|--------------------------------|
| Disposal Methods       | Flush to drain.                |
| Contaminated Packaging | Use a licensed waste disposer. |

## Section 14. Transport Information

|  |                                  |
|--|----------------------------------|
| <b>14.1 UN Number</b>                    | Non-restricted                   |
| <b>14.2 Proper Shipping Name</b>         | Non-restricted                   |
| <b>14.3 Transport classes</b>            |                                  |
| UN classification                        | None                             |
| Subsidiary hazard(s)                     | None                             |
| Transport category                       | None                             |
| ADR Hazard ID                            | Non-restricted                   |
| Tunnel Restriction Code                  | Non-restricted                   |
| <b>14.4 Packing Group</b>                | None                             |
| <b>14.5 Environment hazards</b>          | See section 12.                  |
| <b>14.6 Special precautions for user</b> | No special precautions required. |
| <b>14.7 Transport in bulk</b>            | Not transported in bulk.         |

## Section 15. Regulatory Information

### 15.1 Safety, health and environment regulations specific for substance/mixture.

Not classified as hazardous under Classification, Labelling & Packaging of Substances & Mixtures Regulations (1272/2008/CE).

### 15.2 Chemical safety assessment

Assessment not required.

## Section 16. Other Information

The information contained in this document only covers the hazards presented by this material, it DOES NOT constitute a workplace risk assessment. See sections 11 for toxicological information and section 12 for ecological information.

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