

# SLS Select Education - Safety Data Sheet

**CHE3914SE**

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

Revision: 1.1

Revision date:

19 February 2021

Date printed:

25 January 2022

## Section 1. Identification

### 1.1 Product Identifier

CHE3914SE

Product Name ZINC METAL FOIL (0.4mm.) 250g.

CAS Number 7440-66-6

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.

Molecular Formula  $Zn = 65.38$ 

### 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

### 3.1 Substances

Not classified as hazardous.

## Section 4. First Aid

### 4.1 Description of first aid measures

Eyes No treatment required.

|                                      |  |
|--------------------------------------|--|
| Skin                                 | No treatment required.                   |
| Inhalation                           | No treatment required.                   |
| Ingestion                            | No treatment required.                   |
| 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 | Presents no specific fire danger. |
|---------|-----------------------------------|

### 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 | Pick up. |
| Minor Spillage | Pick up. |

### 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 .

### 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        | Wear gloves.  |
| Eye Protection         | No specific hazard through eye contact although the wearing of safety glasses is advised. |
| Skin Protection        | Presents no significant hazard through skin contact.                                      |
| Special Hazards        | No special precautions required.  |

## Section 9. Physical & Chemical Properties

### 9.1 Information on basic physical and chemical properties

|                       |                     |
|-----------------------|---------------------|
| Appearance            | Metallic grey foil. |
| Odour                 | No specific odour.  |
| pH                    | Not applicable      |
| Boiling Point         | 906°C               |
| Melting Point         | 419°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      | Not available       |
| Water Solubility      | Insoluble 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   | None.                           |

## Section 11. Toxicological Information

### 11.1 Information on toxicological effects

|                 |  |
|-----------------|--|
| Eyes            | Presents no significant health hazard to the eyes.   |
| Skin            | Presents no significant hazard by skin contact.      |
| LD50 Skin       | Not available  |
| Ingestion       | Presents no significant hazard by ingestion.         |
| 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</b> | <b>Toxicity</b>                             | No specific environmental hazard. |
|             | LC50 Algal                                  | Not available                     |
|             | LC50 Crustacea                              | Not available                     |
|             | LC50 Fish                                   | Not available                     |
| <b>12.2</b> | <b>Persistence and degradability</b>        | No data available.                |
| <b>12.3</b> | <b>Bioaccumulative potential</b>            | No data available.                |
| <b>12.4</b> | <b>Mobility in soil</b>                     | No data available.                |
| <b>12.5</b> | <b>Results of PBT &amp; vPvB assessment</b> | Assessment not required.          |
| <b>12.6</b> | <b>Other adverse effects</b>                | None known at present.            |

## Section 13. Disposal Considerations

### 13.1 Waste treatment methods

|                        |                                      |
|------------------------|--------------------------------------|
| Disposal Methods       | Do not dispose of as domestic waste. |
| Contaminated Packaging | Wash out containers with water.      |

## Section 14. Transport Information

|             |                                     |                                  |
|-------------|-------------------------------------|----------------------------------|
| <b>14.1</b> | <b>UN Number</b>                    | Non-restricted                   |
| <b>14.2</b> | <b>Proper Shipping Name</b>         | Non-restricted                   |
| <b>14.3</b> | <b>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</b> | <b>Packing Group</b>                | None                             |
| <b>14.5</b> | <b>Environment hazards</b>          | See section 12.                  |
| <b>14.6</b> | <b>Special precautions for user</b> | No special precautions required. |
| <b>14.7</b> | <b>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.

Revision number: 1.1 (Supersedes revision 1.0)

Revision date: 19 February 2021

Reviewed by chemist: 19 February 2021

Printed date: 25 January 2022

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