



## Section 1. Product and Company Identification.

**1.1 Model Number;** SOL250 v1  
**1.2 Description;** Flux Paste Tub 250g

**1.3 Manufacturer;**

Sealey Group.  
Kempson Way,  
Bury St. Edmunds,  
Suffolk.  
IP32 7AR

**1.4 Emergency telephone number;** 44 (0) 1284 757 500 (Office Hours)

**Date of source compilation;** 29/08/2023

## Section 2. Hazards Identification.

**2.1 Classification of the substance or mixture.**

Acute Tox. 4	H302	Harmful if swallowed.
Skin Corr. 1B	H314	Causes severe skin burns and eye damage.
Aquatic Acute 1	H400	Very toxic to aquatic life.
Aquatic Chronic 1	H410	Very toxic to aquatic life with long lasting effects.

**2.2 Label elements.**

**Hazard pictogram(s)**



**Signal Word.**

Danger

**Hazard statements;**

H302 Harmful if swallowed.  
H314 Causes severe skin burns and eye damage.  
H335 May cause respiratory irritation.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.



**Section 2. Hazards Identification continued.**

**Precautionary statements;**

P273 Avoid release to the environment.

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

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P501 Dispose of contents/container in accordance with local authority regulations.

**2.3 Other hazards.**

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**Section 3. Substances.**

3.1 Chemical Name (substance)	3.1 CAS No.	3.2 Concentration Weight	Classification	
			Hazard Class & Category Code	Hazard Statements <sup>1</sup>
Zinc chloride	7646-85-7	< 10 %	Acute Tox. 4 Skin Corr. 1B Aquatic Acute 1 Aquatic Chronic 1	H302 H314 H400 H410

<sup>1</sup>For full text of Statements, see Section 16.



## Section 4. First Aid Measures.

### 4.1 Description of first aid measures

#### Inhalation

Move the exposed person to fresh air.  
Seek medical attention.

#### Skin Contact

Wash off immediately with plenty of soap and water.  
Remove contaminated clothing.  
Seek medical attention.

#### Eye Contact

Rinse immediately with plenty of water, for 15 minutes holding the eyelids open.  
Seek medical attention.

#### Ingestion

If swallowed, seek medical advice immediately and show this container or label, Do not induce vomiting.

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

No data available.

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

No data available.

## Section 5. Fire Fighting Measures.

### 5.1. Extinguishing media

Carbon oxides. Alcohol resistant foam.

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

Burning produces irritating, toxic and obnoxious fumes.

### 5.3. Advice for fire-fighters

Wear self-contained breathing apparatus for fire fighting if necessary. Wear chemical protective clothing.



## Section 6. Accidental Release Measures.

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

Use personal protective equipment.  
Avoid breathing vapours and mist.  
Ensure adequate ventilation.  
Evacuate personnel to safe areas.

### 6.2. Environmental precautions

Do not allow product to enter drains.  
Prevent further spillage if safe.

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

Absorb with inert, absorbent material.  
Transfer to suitable, labelled containers for disposal.  
Clean spillage area thoroughly with plenty of water.  
Do not allow product to enter drains.

### 6.4. Reference to other sections

See Section 7 for information on Safe Handling  
See Section 8 for information of Personal Protective Equipment.  
See Section 13 for information on disposal.

## Section 7. Handling and Storage.

### 7.1. Precautions for safe handling

Absorb with inert, absorbent material. Sweep up.  
Transfer to suitable, labelled containers for disposal.  
Clean spillage area thoroughly with plenty of water.  
Do not let product enter drains.

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

Keep in a cool, dry, well-ventilated area.  
Keep containers tightly closed.  
Store in correctly labelled containers.

### 7.3. Specific end use(s)

Intended for use as Flux Paste: Model Number identified in 1.1 with Description stated in 1.2.



## Section 8. Exposure Controls/Personal Protection.

### 8.1. Control parameters

Workplace exposure limits.

Substance	CAS number	Workplace exposure limit.			
		Long term.		Short term.	
		ppm	mg.m <sup>3</sup>	ppm	mg.m <sup>3</sup>
Zinc chloride	7646-85-7	-	1	-	2

### 8.2. Exposure controls

#### Appropriate Engineering Controls

Ensure adequate ventilation of the working area.

Handle in accordance with good industrial hygiene practice.

Wash hands before breaks and at the end of day.

#### Eye/Face Protection

Safety goggles or face shield.

#### Skin Protection

Nitrile Protective gloves.

Wear appropriate protective clothing to prevent contact with skin.

#### Respiratory Protection

In case of inadequate ventilation or risk of inhalation of vapours of mist, use suitable respiratory equipment with particle filter (type P2).

## Section 9. Physical and Chemical Properties.

### 9.1. Information on basic physical and chemical properties

**The following information is not a technical specification or sales specification.**

(a) Appearance:	Gel. Brown.
(b) Odour:	Mild.
(c) Odour threshold;	No data available.
(d) pH:	No data available.
(e) Melting point/freezing point;	No data available.
(f) Initial boiling point and boiling range;	No data available.
(g) Flash point;	No data available.
(h) Evaporation rate;	No data available.
(i) Flammability (solid, gas);	No data available.
(j) Upper/lower flammability or explosive limits;	No data available.
(k) Vapour pressure;	No data available.
(l) Vapour density;	No data available.
(m) Relative density;	No data available.
(n) Solubility(ies);	Miscible with water.
(o) Partition coefficient: n-octanol/water;	No data available.
(p) Auto-ignition temperature;	No data available.
(q) Decomposition temperature;	No data available.
(r) Viscosity;	No data available.
(s) Explosive properties;	No data available.
(t) Oxidising properties.	No data available.

### 9.2 Other information

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## Section 10. Stability and 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 data available.
10.5. Incompatible materials	Oxidizing agents.
10.6. Hazardous decomposition products	No data available.

## Section 11. Toxicological Information.

11.1. Information on toxicological effects  
No data available.

## Section 12. Ecological Information.

12.1. Toxicity	Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.
12.2. Persistence and degradability	No data available.
12.3. Bioaccumulative potential	No data available.
12.4. Mobility in soil	No data available.
12.5. Results of PBT and vPvB assessment	No data available.
12.6. Other adverse effects	No data available.

## Section 13. Disposal Considerations.

13.1. Waste treatment methods

Dispose of in accordance with local authority regulations.



**Section 14. Transport Information.**

ADR. International Carriage of Dangerous Goods by Road.

<b>14.1. UN number</b>	UN 1759
<b>14.2. Name and Description</b>	Corrosive solid, n.o.s. Zinc chloride
<b>14.3. Class</b>	8
<b>14.4. Packing group</b>	III
<b>14.5. Environmental hazards</b>	Does not present an environmental hazard as packaged.
<b>14.6. Special precautions for user</b>	No special precautions necessary.

IATA. International Air Transport Association.

<b>14.1. UN number</b>	UN 1759
<b>14.2. UN Proper Shipping Name/Description</b>	Corrosive solid, n.o.s. Zinc chloride
<b>14.3. Class or Division</b>	8
<b>14.4. Packing group</b>	III
<b>14.5. Environmental hazards</b>	Does not present an environmental hazard as packaged.
<b>14.6. Special precautions for user</b>	No special precautions necessary.

IMDG. International Maritime Dangerous Goods.

<b>14.1. UN number</b>	UN 1759
<b>14.2. UN proper shipping name</b>	Corrosive solid, n.o.s. Zinc chloride
<b>14.3. Class</b>	8
<b>14.4. Packing group</b>	III
<b>14.5. Environmental hazards</b>	Does not present an environmental hazard as packaged.
<b>14.6. Special precautions for user</b>	No special precautions necessary.
<b>14.7. Transport in bulk – Maritime only.</b>	Bulk transport is not applicable to this product



## Section 15. Regulatory Information.

**15.1.** Safety, health and environmental regulations/legislation specific for the substance or mixture  
No data available.

**15.2.** Chemical safety assessment  
No data available.

## Section 16. Additional Information.

Full text of Phrases and Statements used in Section 3;

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

The above information is believed to be accurate and represents the best information currently available.

No warranty is expressed or implied by the above information.

We assume no liability resulting from use of the above information.

The end user should conduct their own investigations to determine the suitability of the above information for their particular purpose.

Issue level	Date	Revisions
1	11/11/2016	First issue.
2	15/04/2016	Sections 1 and 8.
3	28/03/2017	Format only.
4	22/08/2024	Sections 3 and 14.

End of Safety Data Sheet.