



Section 1. Product and Company Identification.

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

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; July 2015

Section 2. Hazards Identification.

2.1 Classification of the substance or mixture.
R22 R36 Very toxic to aquatic life.

Risk phrases;
R22 Harmful if swallowed
R36 Irritating to eyes

2.2 Label elements.
Hazard pictogram(s)



Signal Word. Danger

Precautionary statements;

P262 Do not get in eyes, on skin, or on clothing.
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P261 Avoid breathing vapour/spray.
P273 Avoid release to the environment.

2.3 Other hazards.
None identified.



Section 3. Substances.

3.1 Chemical Name (substance)	3.1 CAS No.	3.2 Concentration Volume	Classification	
			Hazard Class & Category Code	Hazard Statements
Zinc Chloride	7646-85-7	1 - 10%	Acute Tox. 4 Skin Corr. 1B Aquatic Acute 1 Aquatic Chronic 1	H302 H314 H400 H410
Ammonium Chloride	235-186-4	0 - 0.5%	Acute Tox. 4 Eye Irrit. 2	H302 H319

For full text of Phrases and 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

Inhalation

Toxic by inhalation. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Inhalation of the vapour may cause shortness of breath.

Skin Contact

Toxic in contact with skin.

Eye Contact

May cause irritation to the eyes.

Ingestion

Toxic if swallowed. Ingestion is irritating to the respiratory tract and may cause damage to the central nervous system.

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

No information 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

P262 Do not get in eyes, on skin, or on clothing.

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

P261 Avoid breathing vapour/spray.

P273 Avoid release to the environment.

Ammonium Chloride	WEL 8 hr limit - 10mg/m ³ WEL 15 min limit - 20mg/m ³
Zinc Chloride	WEL 8 hr limit - 1mg/m ³ WEL 15 min limit - 2mg/m ³ UK EH40 WEL - Workplace Exposure Limits

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



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:	Brown.
(b) Odour:	Mild.
(c) Odour threshold;	No information available.
(d) pH:	No information available.
(e) Melting point/freezing point;	No information available.
(f) Initial boiling point and boiling range;	Not relevant.
(g) Flash point;	No information available.
(h) Evaporation rate;	No information available.
(i) Flammability (solid, gas);	No information available.
(j) Upper/lower flammability or explosive limits;	No information available.
(k) Vapour pressure;	No information available.
(l) Vapour density;	Not relevant.
(m) Relative density;	No information available.
(n) Solubility(ies);	No information available.
(o) Partition coefficient: n-octanol/water;	No information available.
(p) Auto-ignition temperature;	No information available.
(q) Decomposition temperature;	No information available.
(r) Viscosity;	No information available.
(s) Explosive properties;	No information available.
(t) Oxidising properties.	No information available.

9.2 Other information No information available.

Section 10. Stability and Reactivity.

10.1. Reactivity	No information available.
10.2. Chemical stability	No information available.
10.3. Possibility of hazardous reactions	No information available.
10.4. Conditions to avoid	No information available.
10.5. Incompatible materials	Oxidizing agents.
10.6. Hazardous decomposition products	No information available.

Section 11. Toxicological Information.

11.1. Information on toxicological effects
No information 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 information available
12.3. Bioaccumulative potential	No information available
12.4. Mobility in soil	No information available
12.5. Results of PBT and vPvB assessment	No information available
12.6. Other adverse effects	No information 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.

14.1. UN number	UN 1840
14.2. UN Proper Shipping Name/Description	Zinc chloride solution
14.3. Class	8
14.4. Packing group	III
14.5. Environmental hazards	Does not present an environmental hazard.
14.6. Special precautions for user	No special precautions necessary.

IATA. International Air Transport Association.

14.1. UN number	UN 1840
14.2. UN Proper Shipping Name/Description	Zinc chloride solution
14.3. Class or Division	8
14.4. Packing group	III
14.5. Environmental hazards	Does not present an environmental hazard.
14.6. Special precautions for user	No special precautions necessary.

IMDG. International Maritime Dangerous Goods.

14.1. UN number	UN 1840
14.2. UN Proper Shipping Name/Description	Zinc chloride solution
14.3. Class or Division	8
14.4. Packing group	III
14.5. Environmental hazards	Does not present an environmental hazard.
14.6. Special precautions for user	No special precautions necessary.
14.7. Transport in bulk – Maritime only.	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 information available.

15.2. Chemical safety assessment
No information 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.

H319: Causes serious eye irritation.

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	11/11/16	First issue.
2	15/04/16	Section 1 and 8.
3	28/03/17	Format only

End of Safety Data Sheet.