



# SOLDER CONNECTION

## EXPERTS IN SOLDER TECHNOLOGY

### Fluxite Soldering Flux Paste

Revision 1

Revision Date: 26/11/15

#### Section 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1 Product Identifier

Product Name	Fluxite soldering flux paste
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##### 1.3. Details of the Supplier of the safety data sheet

Company	The Solder Connection
Address	Unit 5 Severn Link Distribution Centre Chepstow Monmouthshire NP16 6UN
Website	<a href="http://www.solderconnection.co.uk">www.solderconnection.co.uk</a>
Telephone	+44 (0) 1291 624400
Email	sales@solderconnection.co.uk

##### 1.4 Emergency Telephone Number


Emergency Telephone Number	+44 (0) 1291 624400 9.00am-5.00pm Monday - Friday
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#### Section 2: Hazards Identification

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

2.1.1. Classification – 1999/45/EC	C; R34 N; R51/53 Symbols: C: Corrosive. N: Dangerous for the environment.
Main Hazards	Causes burns. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

##### 2.2 Label Elements

Hazard Pictograms	
Risk Phrases	R34 – Causes burns. R51/53 – Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Safety Phrases	S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 – After contact with skin, wash immediately with plenty of water. S29 – Do not empty into drains. S36/37/39 – Wear suitable protective clothing, gloves and eye/face protection. S45 – In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

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## Section 3: Composition/information on ingredients

### 3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	Cas No.	EC No.	Reach Registration Number	Conc (%w/w)	Classification	M-factor.
Zinc chloride (Zinc chloride, fume)	030-003-00-2	7646-85-7	231-592-0		10-15%	C; R34 Xn; R22 N; R50/53	

## Section 4: First aid measures

### 4.1. Description of first aid measures

Inhalation	Inhalation of vapour may cause shortness of breath. Move the exposed person to fresh air. Seek medical attention. If breathing is difficult give oxygen.
Eye Contact	Causes burns. Causes severe inflammation and may damage the cornea. Seek medical attention. Rinse immediately with plenty of water for 15 minutes.
Skin Contact	Causes burns. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	Ingestion may cause nausea and vomiting. DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label. Keep the affected person warm and at rest. Never give anything by mouth to an unconscious person.

## Section 5: Firefighting measures

### 5.1. Extinguishing media

	Use as appropriate: Carbon dioxide (CO2), Dry chemical, Foam.
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### 5.2. Special hazards arising from the substance or mixture

	Corrosive. Burning produces irritating, toxic and obnoxious fumes.
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### 5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
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## Section 6: Accidental release measures

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

	Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Wear suitable protective equipment.
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### 6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
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### 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.
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## Section 7: Handling and storage

### 7.1. Precautions for safe handling

	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area.
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## 7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep containers tightly closed.

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1. Exposure Limit Values

Zinc chloride (Zinc chloride, fume)	WEL 8-hr limit ppm: –	WEL 8-hr limit mg/m3: 1
	WEL 15 min limit ppm: –	WEL 15 min limit mg/m3: 3
	WEL 8-hr limit mg/m3 total –	WEL 15 min limit mg/m3 total –
	Inhalable dust:	Inhalable dust:
	WEL 8-hr limit mg/m3 total –	WEL 15 min limit mg/m3 total –
	Respirable dust:	respirable dust:

### 8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Wear chemical protective clothing.
Eye/face protection	Approved safety goggles.
Skin protection – Hand protection	Chemical resistant gloves (PVC).
Respiratory protection	Wear: Self-contained breathing apparatus.

## Section 9: Physical and chemical properties

### 9.1. Information on physical and chemical properties

State	Solid
Colour	Amber
Odour	Characteristic
Solubility	Slightly soluble in water

### 10.2. Chemical stability

Stable under normal conditions.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

Skin corrosion/irritation Causes burns.

#### 11.1.4. Toxicological information

Zinc chloride **Oral Rat LD50: 350 mg/kg** **Oral Mouse LD50: 329 mg/kg**

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## Section 12: Ecological information

### 12.1. Toxicity

Zinc chloride

**Daphnia EC50/48h:** 2800 mg/l  
**Rainbow trout LC50/96h:** 0.066mg/l

**Daphnia LC50/96h:** 0.06791mg/l

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## Section 13: Disposal considerations

### General information

Dispose of in compliance with all local and national regulations.

## Section 14: Transport information

### Hazard Pictograms



### 14.1. UN number

UN1760

### 14.2. UN proper shipping name

CORROSIVE LIQUID, N.O.S.

### 14.3. Transport hazard class(es)

ADR/RID	8
Subsidiary Risk	-
IMDG	8
Subsidiary Risk	-
IATA	8
Subsidiary Risk	-

### 14.4. Packing group

Packing group III

### 14.5. Environmental hazards

Environmental hazards	Yes
Marine pollutant	Yes

### ADR/RID

Hazard ID	80
Tunnel Category	(E)

### IMDG

EmS Code	F-A-S-B
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IATA

Packing Instruction (Cargo)	856
Maximum quantity	60L
Packing instruction (passenger)	852
Maximum quantity	5L

## Section 15: Regulatory information

## Section 16: Other information

Other information

Text of risk phases in section 3	<p>R22 – Harmful if swallowed.</p> <p>R34 – Causes burns.</p> <p>R50/53 – Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p>
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Further information

	<p>The information in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.</p>
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