

## Safety Data Sheet

### 1. Identification of the substance and the company

**Trade Name:** Traditional Craftsman's Flux

**Manufacturer/ Supplier:** Pegler Yorkshire Group Ltd

**Address:** St Catherine's Avenue, Doncaster, South Yorkshire, DN4 8DF, England

**Telephone:** 0800 156 0050 (Technical Help)

**Out of hours telephone:** 01291 624400

**Email:** [tech.help@pegleryorkshire.co.uk](mailto:tech.help@pegleryorkshire.co.uk)

### 2. Hazards Identification

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

2.1.1. Classification -  
 1999/45/EC  
 Main hazards

C; R34 N; R51/53

Symbols: C: Corrosive. N: Dangerous for the environment.

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

### 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
Zinc chloride (Zinc chloride, fume)	030-003-00-2	7646-85-7	231-592-0		10 - 15% C; R34 Xn; R22 N; R50/53	

#### 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.
Eye contact	Causes burns. Causes severe inflammation and may damage the cornea. Seek medical attention.

##### 4.1. Description of first aid measures

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 causes burns to the respiratory tract. DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label.

#### 5. Fire- Fighting Measures

##### 5.1. Extinguishing media

	Use as appropriate: Carbon dioxide (CO <sub>2</sub> ), 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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## 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.

### 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.

## 7. Handling and Storage

### 7.1. Precautions for safe handling

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area.

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

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

## 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/m<sup>3</sup>: 1

WEL 15 min limit ppm: -

WEL 15 min limit mg/m<sup>3</sup>: 2



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## 8.2. Exposure controls

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



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## 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

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State	Solid
Colour	Grey
Odour	Not applicable.
pH	Not applicable.
Melting point	232 °C
Freezing Point	Not applicable.
Boiling point	Not applicable.
Flash point	Not applicable.
Evaporation rate	Not applicable.
Flammability limits	Not applicable.
Vapour Flammability	Not applicable.
Vapour pressure	Not applicable.
Vapour density	Not applicable.
Relative density	Not applicable.
Fat Solubility	Not applicable.
Partition coefficient	Not applicable.
Autoignition temperature	Not applicable.
Viscosity	Not applicable.
Explosive	Not applicable.
Oxidising	Not applicable.
Solubility	Slightly soluble in water



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## 9.2. Other information

Conductivity	Not applicable.
Surface tension	Not applicable.
Gas group	Not applicable.
Benzene Content	Not applicable.
Lead content	0
VOC (Volatile organic compounds)	Not applicable.

## 10. Stability and reactivity

### 10.2. Chemical stability

	Stable under normal conditions.
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## 11. Toxicology Information

### 11.1. Information on toxicological effects

Skin corrosion/irritation	Causes burns.
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#### 11.1.4. Toxicological Information

Zinc chloride	Oral Rat LD50: 350 mg/kg	Oral Mouse LD50: 329 mg/kg
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## 12. Ecological Information

12.1. Toxicity		
Zinc chloride	Daphnia EC50/48h: 2.8000 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.	

## 13. Disposal Considerations

General information

Dispose of in compliance with all local and national regulations.



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#### 14. Transport Information

Hazard pictograms



14.1. UN number

	UN1760
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14.2. UN proper shipping name

	CORROSIVE LIQUID, N.O.S.
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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	No
Marine pollutant	No
ADR/RID	
Hazard ID	80
Tunnel Category	(E)

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IMDG	
EmS Code	F-A S-B

IATA

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

## 15. Regulatory Information

Labelling

Symbols	The product is classified in accordance with 67/548/EEC.
	C: Corrosive. N: Dangerous for the environment.
	 
Risk phrases	R34 - Causes burns.
Safety phrases	R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
	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.

Labelling

	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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## 16. Other Information

### Other information

Text of risk phrases in Section 3	R22 - Harmful if swallowed. R34 - Causes burns. R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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### Further information

	The information supplied 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.
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