Quest Consumables

Soldering Flux **Fluid**

Revision	1
Revision date	2015-07-21

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name	Soldering Flux Fluid

1.3. Details of the supplier of the safety data sheet

Company	Quest Consumables Ltd
Address	Stock House, Seymour Road
	Nuneaton, Warwickshire
	CV11 4LB
	United Kingdom
	Sales@questconsumables.com
Web	
Telephone	+44 (0) 2476 322126
Fax	+44 (0) 2476 322117
Email	sales@questconsumables.com

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC	C; R34 Xn; R22 N; R50/53
	Symbols: C: Corrosive. N: Dangerous for the environment.
Main hazards	Harmful if swallowed. Causes burns. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
2.1.2. Classification - EC 1272/2008	Acute Tox. 4: H302;

2.2. Label elements

Hazard pictograms	
Signal Word	Warning
Hazard Statement	Acute Tox. 4: H302 - Harmful if swallowed.
Precautionary Statement: Prevention	P264 - Wash thoroughly after handling.
	P270 - Do no eat, drink or smoke when using this product.
Precautionary Statement: Response	P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor/ /if you feel unwell.
	P330 - Rinse mouth.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to

SECTION 3: Composition/information on ingredients

3.2. Mixtures

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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		30 - 40%	C; R34 Xn; R22 N; R50/53	

EC 1272/2008

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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.
Eye contact	Causes burns. Causes severe inflammation and may damage the cornea. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention.
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. Seek medical attention.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.

5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.

5.3. Advice for firefighters

	Self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Ensure adequate ventilation of the working area.

6.2. Environmental precautions

	Do not allow product to enter drains. Do not let product contaminate subsoil.

6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal.

SECTION 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

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

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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8.1. Control parameters

8.1.1. Exposure Limit Values

Zinc chloride (Zinc chloride, fume)	WEL 8-hr limit ppm: - WEL 15 min limit ppm: - WEL 8-hr limit mg/m3 total inhalable dust: - WEL 8-hr limit mg/m3 total respirable dust: -	WEL 8-hr limit mg/m3: 1 WEL 15 min limit mg/m3: 2 WEL 15 min limit mg/m3 total inhalable dust: - WEL 15 min limit mg/m3 total 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 suitable protective equipment. Wash all contaminated clothing before reuse.
Eye / face protection	Wear:. Approved safety goggles.
Skin protection - Handprotection	Wear:. Chemical resistant gloves (PVC).

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Aqueous solution
Colour	Colourless
Odour	Slight

SECTION 10: Stability and reactivity

10.2. Chemical stability

	Stable under normal conditions.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Skin corrosion/irritation	Corrosive. Causes burns.

11.1.4. Toxicological Information

	Harmful if swallowed. No data is available on this product.

SECTION 12: Ecological information

12.1. Toxicity

	Toxic to fish. Toxic to algae. 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.

Disposal methods

	For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.

Disposal of packaging

	Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.

SECTION 14: Transport information

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Hazard pictograms

14.1. UN number

	UN1840

14.2. UN proper shipping name

	ZINC CHLORIDE SOLUTION

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

IATA

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

SECTION 15: Regulatory information

SECTION 16: Other information

Other information

Revision	This document differs from the previous version in the following areas:. 2 - 2.1.2. Classification - EC 1272/2008. 2 - Hazard pictograms. 2 - Signal Word. 2 - Precautionary Statement: Prevention. 2 - Precautionary Statement: Response. 2 - Precautionary Statement: Disposal. 9 - 9.1. Information on basic physical and chemical properties (Appearance). 9 - 9.1. Information on basic physical and chemical properties (Colour).

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Other information

	9 - 9.1. Information on basic physical and chemical properties (Odour).
	12 - 12.1. Toxicity.
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.
Text of Hazard Statements in Section 3	Acute Tox. 4: H302 - Harmful if swallowed.
	Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.
	Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.

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.