



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Page 1/4

Q798LF-SAC305-CLP

Revision 1
Revision date 2015-05-12

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

1.1. Product identifier

Product name	Q798LF-SAC305-CLP
CAS No.	111-46-6
EC No.	203-872-2
Index No.	603-140-00-6

1.2. Relevant identified uses of the substance or mixture and uses advised against

Product Use	[SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen);
Description	Soldering.

1.3. Details of the supplier of the safety data sheet

Company	Qualitek Europe Ltd
Address	Unit 9 Apex Court Bassendale Road Bromborough Wirral CH62 3RE
Web	www.qualitek.com
Telephone	+ 44(0)151 334 0888
Fax	+ 44(0)151 334 1408
Email address of the competent person	sales@qualitek-europe.com

1.4. Emergency telephone number

Emergency telephone number	+ 44(0)151 334 0888 9.00 am - 5.00 pm Mon -Fri
----------------------------	---

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 67/548/EEC	Xn; R22 Symbols: Xn: Harmful.
Main hazards	Harmful if swallowed.
2.1.2. Classification - EC 1272/2008	Acute Tox. 4: H302; STOT SE 3: H335;

2.2. Label elements

Hazard pictograms	
Signal Word	Warning

Q798LF-SAC305-CLP

Revision 1
Revision date 2015-05-12

2.2. Label elements

Hazard Statement	Acute Tox. 4: H302 - Harmful if swallowed. STOT SE 3: H335 - May cause respiratory irritation.
Precautionary Statement: Prevention	P264 - Wash thoroughly after handling. P270 - Do not eat, drink or smoke when using this product.
Precautionary Statement: Response	P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

SECTION 3: Composition/information on ingredients

3.1. Substances

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Diethylene glycol (2,2'-Oxydiethanol)	603-140-00-6	111-46-6	203-872-2	01-2119457857-21	0-10%	Xn; R22
Tin		7440-31-5	231-141-8	01-2119486474-28	90-100%	
Copper (Copper fume)		7440-50-8		01-2119480154-42	1-5%	Xn; R22 R53
Silver (Silver, metallic)		7440-22-4	231-131-3	01-2119555669-21	1-5%	
Other (Not Classified)					1-10%	Xi; R36/37/38

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Diethylene glycol (2,2'-Oxydiethanol)	603-140-00-6	111-46-6	203-872-2	01-2119457857-21	0-10%	Acute Tox. 4: H302;
Tin		7440-31-5	231-141-8	01-2119486474-28	90-100%	
Copper (Copper fume)		7440-50-8		01-2119480154-42	1-5%	Acute Tox. 4: H302; Skin Irrit. 2: H315; STOT SE 3: H335; Aquatic Acute 1: H400;
Silver (Silver, metallic)		7440-22-4	231-131-3	01-2119555669-21	1-5%	
Other (Not Classified)					1-10%	

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Irritating to respiratory system. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention.
Eye contact	Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	Irritating to skin. 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. Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Carbon oxides.
--	----------------

5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
--	---

5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
--	---

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Q798LF-SAC305-CLP

Revision 1
Revision date 2015-05-12

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation of the working 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

Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.

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.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

Copper (Copper dusts and mists (as Cu))	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: 1
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: 2
Copper (Copper fume)	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: 0.2
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -
Q798LF-SAC305-CLP (2,2'-Oxydiethanol)	WEL 8-hr limit ppm: 23	WEL 8-hr limit mg/m3: 101
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -
Silver (Silver, metallic)	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: 0.1
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -

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 - Handprotection

Chemical resistant gloves (PVC).

Respiratory protection

Wear:.. Suitable respiratory equipment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State	Paste
Colour	Grey
Odour	Characteristic
Melting point	217 °C
Boiling point	197 °C
Flash point	> 98 °C
Autoignition temperature	> 226 °C
Solubility	Slightly soluble in water

Q798LF-SAC305-CLP

Revision 1
Revision date 2015-05-12

9.2. Other information

Specific gravity	3.5 - 4.5 g/cm ³
------------------	-----------------------------

SECTION 10: Stability and reactivity

10.2. Chemical stability

	Stable under normal conditions.
--	---------------------------------

SECTION 11: Toxicological information

11.1.4. Toxicological Information

Q798LF-SAC305-CLP	Dermal Rat LD50: >3000	Oral Mouse LD50: >3000
-------------------	------------------------	------------------------

SECTION 12: Ecological information

12.3. Bioaccumulative potential

	Does not bioaccumulate.
--	-------------------------

SECTION 13: Disposal considerations

General information

	Dispose of in compliance with all local and national regulations.
--	---

SECTION 14: Transport information

ADR/RID

	The product is not classified as dangerous for carriage.
--	--

IMDG

	The product is not classified as dangerous for carriage.
--	--

IATA

	The product is not classified as dangerous for carriage.
--	--

Further information

	The product is not classified as dangerous for carriage.
--	--

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

	This Product is Classified to Regulation 1272/2008/EC(CLP).
--	---

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.
Text of risk phrases in Section 3	R22 - Harmful if swallowed. R36/37/38 - Irritating to eyes, respiratory system and skin. R53 - 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 Irrit. 2: H315 - Causes skin irritation. STOT SE 3: H335 - May cause respiratory irritation. Aquatic Acute 1: H400 - Very toxic to aquatic life.

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.
--	--