



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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QSWNC601E-SAC305-CLP

Revision 1

Revision date 2015-05-27

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

1.1. Product identifier

Product name	QSWNC601E-SAC305-CLP
CAS No.	7440-31-5
EC No.	231-141-8

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
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.2. Classification - EC 1272/2008	STOT SE 3: H335;
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2.2. Label elements

Hazard pictograms	
Signal Word	Warning
Hazard Statement	STOT SE 3: H335 - May cause respiratory irritation.
Precautionary Statement: Prevention	P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P271 - Use only outdoors or in a well-ventilated area.

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2.2. Label elements

Precautionary Statement: Response	P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
Precautionary Statement: Storage	P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P405 - Store locked up.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to

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
Tin		7440-31-5	231-141-8	01-2119486474-28	90-100%	
Silver (Silver, metallic)		7440-22-4	231-131-3	01-2119555669-21	1 - 5%	
Other (Not Classified)					1 - 5%	Xi; R36/37/38
Copper (Copper fume)		7440-50-8		01-2119480154-42	0-1%	Xn; R22 R53

EC 1272/2008

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Tin		7440-31-5	231-141-8	01-2119486474-28	90-100%	
Silver (Silver, metallic)		7440-22-4	231-131-3	01-2119555669-21	1 - 5%	
Other (Not Classified)					1 - 5%	
Copper (Copper fume)		7440-50-8		01-2119480154-42	0-1%	Acute Tox. 4: H302; Skin Irrit. 2: H315; STOT SE 3: H335; Aquatic Acute 1: H400;

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	May cause irritation to mucous membranes. Move the exposed person to fresh air.
Eye contact	May cause irritation 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	May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
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5.2. Special hazards arising from the substance or mixture

	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.
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6.2. Environmental precautions

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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: -
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 protective clothing.

Eye / face protection

In case of splashing, wear:.. Approved safety goggles.

Skin protection - Handprotection

Chemical resistant gloves (PVC).

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

State	Solid
Colour	Grey
Melting point	217 - 219 °C
Boiling point	197 °C
Flash point	98 °C
Autoignition temperature	226 °C
Solubility	Immiscible in water

SECTION 10: Stability and reactivity**10.2. Chemical stability**

Stable under normal conditions.

SECTION 11: Toxicological information**11.1. Information on toxicological effects**

No known adverse health effects.

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11.1.4. Toxicological Information

No data available

SECTION 12: Ecological information

12.1. Toxicity

No data available

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.
- 2 - Hazard pictograms.
- 2 - Signal Word.
- 2 - Precautionary Statement: Prevention.
- 2 - Precautionary Statement: Response.
- 2 - Precautionary Statement: Storage.
- 2 - Precautionary Statement: Disposal.

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.