

# SAFETY DATA SHEET

according to Regulation (EU) 2020/878

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QSW-NC601E-SN100e

Revision 8  
Revision date 2022-11-22

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

### 1.1. Product identifier

Product name	QSW-NC601E-SN100e
Other means of identification / UFI	QGCY-88SY-OK5H-93HG.

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

Description	No Clean Solder Wire used for Soft Soldering.
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### 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	Eye Irrit. 2: H319;
2.1.2. Classification - EC 1272/2008	No known adverse environmental effects. No known adverse health effects.

### 2.2. Label elements

Hazard pictograms	
Signal Word	Warning
Hazard Statement	Eye Irrit. 2: H319 - Causes serious eye irritation.
Precautionary Statement: Prevention	P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

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## 2.2. Label elements

Precautionary Statement: Response	P312 - Call a POISON CENTER/doctor/ /if you feel unwell.
Precautionary Statement: Storage	Store in a dry place.
Precautionary Statement: Disposal	Dispose of in compliance with all Local and national regulations

## SECTION 3: Composition/information on ingredients

## 3.1. Substances

	This product does not contain any substances classified as hazardous to health. This material is defined as a mixture.
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## 3.2. Mixtures

## EC 1272/2008

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 - 80%	
Adipic acid	607-144-00-9	124-04-9	204-673-3		1 - 5%	Eye Irrit. 2: H319;
Copper (Copper dusts and mists (as Cu))					<1%	Acute Tox. 4: H302; Skin Irrit. 2: H315; STOT SE 3: H335;

## 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.

## 4.2. Most important symptoms and effects, both acute and delayed

Inhalation	Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system.
Eye contact	Irritating to eyes.
Skin contact	No known adverse health effects.
Ingestion	If swallowed, seek medical advice immediately and show this container or label.

## 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. Wear suitable protective equipment.
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## 6.2. Environmental precautions

No specific clean up requirements.

## 6.3. Methods and material for containment and cleaning 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. 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.

## 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
	WEL 8-hr limit mg/m3 total - inhalable dust:	WEL 15 min limit mg/m3 total - inhalable dust:
	WEL 8-hr limit mg/m3 total - respirable 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 chemical protective clothing.
Eye / face protection	Approved safety goggles.
Skin protection - Handprotection	Chemical resistant gloves (PVC).
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

Appearance	Solid
Colour	Silver
Odour	Characteristic
Melting point	> 217 °C
Flash point	98 °C
Autoignition temperature	226 °C
Solubility	Slightly soluble in water

## 9.2.1. Information with regard to physical hazard classes

No data available.

## 9.2.2. Other safety characteristics

No data available.

## SECTION 10: Stability and reactivity

## 10.2. Chemical stability

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## 10.2. Chemical stability

Stable under normal conditions.

## SECTION 11: Toxicological information

## 11.1 Information on hazard classes

No Significant Hazard.

## 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

## 14.1. UN number

The product is not classified as dangerous for carriage.

## 14.2. UN proper shipping name

The product is not classified as dangerous for carriage.

## 14.3. Transport hazard class(es)

The product is not classified as dangerous for carriage.

## 14.4. Packing group

The product is not classified as dangerous for carriage.

## 14.5. Environmental hazards

The product is not classified as dangerous for carriage.

## 14.6. Special precautions for user

The product is not classified as dangerous for carriage.

## 14.7 Maritime Transport in bulk according to IMO instruments

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

## Regulations

COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

## SECTION 16: Other information

## Other information

## Revision

This document differs from the previous version in the following areas:.

- 1 - Other means of identification / UFI.
- 9 - 9.2.2. Other safety characteristics.
- 9 - 9.2.1. Information with regard to physical hazard classes.

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**Other information**

<b>Text of Hazard Statements in Section 3</b>	Eye Irrit. 2: H319 - Causes serious eye irritation. Acute Tox. 4: H302 - Harmful if swallowed. Skin Irrit. 2: H315 - Causes skin irritation. STOT SE 3: H335 - May cause respiratory irritation.
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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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