

SAFETY DATA SHEET

according to Regulation (EU) 2020/878

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QSW-NC601E-Sn60-Sn63

Revision 14
Revision date 2025-08-13

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

1.1. Product identifier

Product name	QSW-NC601E-Sn60-Sn63
Other means of identification / UFI	UFI NO.MVDF-2A8S-GJ02-916C.

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

Description	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; Repr. 1A: H360FD; Lact.: H362; STOT RE 1: H372;
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2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	Eye Irrit. 2: H319 - Causes serious eye irritation. Repr. 1A: H360FD - May damage fertility. May damage the unborn child. Lact.: H362 - May cause harm to breast-fed children. STOT RE 1: H372 - Causes damage to organs through prolonged or repeated exposure .
Precautionary Statement: Prevention	P260 - Do not breathe dust/fume/gas/mist/vapours/spray. P263 - Avoid contact during pregnancy/while nursing. P264 - Wash thoroughly after handling.

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2.2. Label elements

Precautionary Statement: Response	P270 - Do no eat, drink or smoke when using this product. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
	P314 - Get medical advice/attention 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

2.3. Other hazards

Other hazards	None.
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Further information

	Contains Lead, Overexposure signs/symptoms-blood formation impairment, central nervous system depression.
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SECTION 3: Composition/information on ingredients

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	60-65%	
Lead (Solid) (Lead)		7439-92-1	231-100-4	01-2119513221-59	35-40%	Repr. 1A: H360FD; Lact.: H362; STOT RE 1: H372;
Adipic acid	607-144-00-9	124-04-9	204-673-3		<10%	Eye Irrit. 2: H319;

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. Seek medical attention if irritation or symptoms persist.
Ingestion	Seek medical attention.

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

Inhalation	Coughing, difficulty in breathing.
Eye contact	Prolonged or repeated exposure may cause: Irritating to eyes.
Skin contact	Prolonged or repeated exposure may cause: Skin irritation and dermatitis.
Ingestion	Toxic if swallowed.

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

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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.

6.3. Methods and material for containment and cleaning up

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. 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. Store in correctly labelled containers.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

QSW-NC601E-Sn60-Sn63	WEL 8-hr limit ppm:	WEL 8-hr limit mg/m3: 0.15 mg/m
	WEL 15 min limit ppm:	WEL 15 min limit mg/m3:
	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 protective clothing.
Eye / face protection	In case of splashing, wear: 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	Grey
Odour	Odourless
Melting point	183 - 190 °C
Initial boiling point	197 °C
Flash point	> 115 °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.

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Stable under normal conditions.

10.3. Possibility of hazardous reactions

None.

10.4. Conditions to avoid

None.

10.5. Incompatible materials

Water.

SECTION 11: Toxicological information**11.1 Information on hazard classes**

Acute toxicity	Very toxic if swallowed.
Serious eye damage/irritation	Irritating to eyes.
Respiratory or skin sensitisation	Inhalation is irritating to the respiratory tract and may cause damage to the central nervous system.
Germ cell mutagenicity	No data is available on this product.
Carcinogenicity	No carcinogenic effects reported.
Reproductive toxicity	May cause harm to breastfed babies. May cause harm to the unborn child.

SECTION 12: Ecological information**12.2. Persistence and degradability**

Not readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential.

12.4. Mobility in soil

Do not let product contaminate subsoil.

12.6 Endocrine disrupting properties

Harmful to aquatic organisms.

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.

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14.6. Special precautions for user

	The product is not classified as dangerous for carriage.
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14.7 Maritime Transport in bulk according to IMO instruments

	The product is not classified as dangerous for carriage.
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Further information

	The product is not classified as dangerous for carriage.
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SECTION 15: Regulatory information**Further information**

	REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning 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.
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SECTION 16: Other information**Other information****Revision**

	This document differs from the previous version in the following areas:.
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	2 - 2.1. Classification of the substance or mixture.
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	2 - 2.1.2. Classification - EC 1272/2008.
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	2 - Hazard pictograms.
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	15 - Labelling.
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	15 - Hazard Statement.
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	15 - Safety phrases.
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Text of Hazard Statements in Section 3

	Repr. 1A: H360FD - May damage fertility. May damage the unborn child.
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	Lact.: H362 - May cause harm to breast-fed children.
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	STOT RE 1: H372 - Causes damage to organs through prolonged or repeated exposure .
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	Eye Irrit. 2: H319 - Causes serious eye 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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