

# SAFETY DATA SHEET

according to Regulation (EU) 2020/878

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## Q-818-Sn62

Revision 12  
Revision date 2023-03-16

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

#### 1.1. Product identifier

|                                     |                             |
|-------------------------------------|-----------------------------|
| Product name                        | Q-818-Sn62                  |
| Other means of identification / UFI | UFI No.65KK-D1ET-1K09-MWFV. |

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

|             |            |
|-------------|------------|
| Description | Soldering. |
|-------------|------------|

#### 1.3. Details of the supplier of the safety data sheet

|                                       |   |
|---------------------------------------|---|
| Company                               | Qualitek Europe Ltd   |
| Address                               | Unit 9 Apex Court<br>Bassendale Road<br>Bromborough<br>Wirral<br>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<br>9.00 am - 5.00 pm Mon -Fri |
|----------------------------|---|

#### Further information


|              |            |
|--------------|------------|
| Intended use | Soldering. |
|--------------|------------|

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

|                                      |   |
|--------------------------------------|---|
| 2.1.2. Classification - EC 1272/2008 | Acute Tox. 4: H302; Skin Sens. 1: H317; Acute Tox. 4: H332; Repr. 1A: H360Fd; STOT RE 2: H373; Aquatic Chronic 2: H411; |
|--------------------------------------|---|

#### 2.2. Label elements

|                   |   |
|-------------------|---|
| Hazard pictograms |    |
| Signal Word       | Danger  |
| Hazard Statement  | Acute Tox. 4: H302 - Harmful if swallowed.<br>Skin Sens. 1: H317 - May cause an allergic skin reaction.<br>Acute Tox. 4: H332 - Harmful if inhaled.<br>Repr. 1A: H360Fd - May damage fertility. Suspected of damaging the unborn child. |

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## 2.2. Label elements

|  |   |
|--|---|
| <b>Precautionary Statement: Prevention</b> | STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure .<br>Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.   |
| <b>Precautionary Statement: Response</b>   | P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.<br>P264 - Wash thoroughly after handling.<br>P270 - Do not eat, drink or smoke when using this product.<br>P271 - Use only outdoors or in a well-ventilated area.<br>P280 - Wear protective gloves/protective clothing/eye protection/face protection. |
| <b>Precautionary Statement: Disposal</b>   | Dispose of in compliance with all local and national regulations  |

## 2.3. Other hazards

|                      |  |
|----------------------|--|
| <b>Other hazards</b> | Lead Warning!. Contains Lead,Overexposure signs/symptoms-blood formation impairment,central nervous system depression. May cause harm to the unborn child. |
|----------------------|--|

## Further information

|  |       |
|--|-------|
|  | None. |
|--|-------|

## 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          | 55 - 65%     |   |
| Lead                      |           | 7439-92-1  | 231-100-4 | 01-2119513221-59          | 35-45%       | Acute Tox. 4: H302+H332;<br>Repr. 1A: H360Fd; STOT RE<br>2: H373; Aquatic Chronic 2:<br>H411; |
| Natural Rosin (Mod Rosin) |           | 65997-05-9 | 500-163-2 | 01-2119960933-37          | 1 - 10%      | Skin Sens. 1: H317;   |
| Silver                    |           |            | 231-131-3 | 01-2119555669-21          | 1 - 5%       |   |

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | May cause irritation to mucous membranes. Move the exposed person to fresh air.   |
| <b>Eye contact</b>  | 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.   |
| <b>Skin contact</b> | 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. |
| <b>Ingestion</b>    | 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. |
|--|---|

## 5.2. Special hazards arising from the substance or mixture

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

## 5.3. Advice for firefighters

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## 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

Ensure adequate ventilation of the working area.

## 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

|                           |   |   |
|---------------------------|---|---|
| Natural Rosin (Mod Rosin) | WEL 8-hr limit ppm:                         | WEL 8-hr limit mg/m3: 0.05                    |
|                           | 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: |
|                           | 0.15  |   |

## 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

|                          |              |
|--------------------------|--------------|
| Appearance               | Powder       |
| Colour                   | Grey         |
| Melting point            | 183 - 190 °C |
| Flash point              | > 115 °C     |
| Autoignition temperature | > 226 °C     |

## 9.2. Other information

Specific gravity 3.5 - 4.5 g/cm<sup>3</sup>

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## 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

Stable under normal conditions.

## SECTION 11: Toxicological information

## 11.1 Information on hazard classes

Reproductive toxicity May cause harm to the unborn child.

## 11.2 Information on other hazards

None.

## SECTION 12: Ecological information

## 12.1. Toxicity

Q-818-Sn62 Daphnia EC50/48h: 530.000 mg/l Fish LC50/96h: 2800.000 mg/l

## 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

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

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

|  |   |
|--|---|
|  | 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**

|   |  |
|---|--|
| <b>Revision</b>                               | This document differs from the previous version in the following areas:.<br>2 - Hazard pictograms.   |
| <b>Text of Hazard Statements in Section 3</b> | Acute Tox. 4: H302+H332 - Harmful if swallowed or if inhaled<br>Repr. 1A: H360Fd - May damage fertility. Suspected of damaging the unborn child.<br>STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure .<br>Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.<br>Skin Sens. 1: H317 - May cause an allergic skin reaction. |

**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. |
|--|--|