

Product information

based on Regulation (EC) no. 1907/2006, Article 31

Printing date 21.04.2023

Version number 1

Revision: 21.04.2023

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

- 1.1 Product identifier **WZr3, WZr8**
- Trade name:
- 1.2 Relevant identified uses of the substance or mixture and uses advised against Nothing known
- Product category Article according to Article 3 No. 3 of the REACH Regulation.
The classifications listed below are classifications of the pure substance and are provided for information purposes only.
- Application of the substance / the mixture Non-fusing electrode in the TIG welding process; Electrode for lighting technology; electrode for plasma melting, plasma cutting, plasma spraying (thermal spraying); emission cathode for electronic tubes
- 1.3 Details of the supplier of the safety data sheet
- Manufacturer/Supplier: ABICOR-BINZEL (UK) Ltd. Mill Lane
Winwick Quay, Warrington WA28UA UK
Contact Person: Kevin Chudley
Email: kevin.chudley@binzel-abicor.co.uk
Contact Number: 01925 653944
- Further information obtainable from: Technical Documentation
- 1.4 Emergency telephone number: Registration with a poison control center is not required for articles. In the event of an accident, contact the national emergency call center.

SECTION 2: Hazards identification

- 2.1 Classification of the substance or mixture
- Classification according to Regulation (EC) No 1272/2008 Article according to Article 3 No. 3 of the REACH Regulation.
The classifications listed below are classifications of the pure substance and are provided for information purposes only.
- The product is not classified, according to the CLP regulation.
- 2.2 Label elements
- Labelling according to Regulation (EC) No 1272/2008 Void
- Hazard pictograms Void
- Signal word Void
- Hazard statements Void
- 2.3 Other hazards
- Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

- 3.2 Mixtures
 - Description: Article according to Reach regulation article 3 n°3.
The classifications listed below are classifications of the pure substance and are provided for information purposes only.
- | | |
|--------------------------------|--|
| - Dangerous components: | |
| CAS: 7440-33-7 tungsten | substance with a Community workplace exposure limit 99.10 - 99.85% |
| EINECS: 231-143-9 | |
- Additional information: For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

- 4.1 Description of first aid measures
- General information: No special measures required.
Do not leave affected persons unattended.
Personal protection for the First Aider.
Take affected persons out of danger area and lay down.
- After inhalation: In case of unconsciousness place patient stably in side position for transportation.
Supply fresh air; consult doctor in case of complaints.
- After skin contact: Immediately wash with water and soap and rinse thoroughly.
Seek medical treatment in case of complaints.
- After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
Protect unharmed eye.
- After swallowing: If symptoms persist consult doctor.

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- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed** No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:** Sand
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Use fire extinguishing methods suitable to surrounding conditions.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **5.2 Special hazards arising from the substance or mixture** Formation of toxic gases is possible during heating or in case of fire.
Nitrogen oxides (NO_x)
Carbon monoxide (CO)
- **5.3 Advice for firefighters**
- **Protective equipment:** Do not inhale explosion gases or combustion gases.
- **Additional information** Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Not required.
- **6.2 Environmental precautions:** No special measures required.
- **6.3 Methods and material for containment and cleaning up:** Pick up mechanically.
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.
- **6.4 Reference to other sections**

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special measures required.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **5.10 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- 8.1 Control parameters

- Ingredients with limit values that require monitoring at the workplace:

7440-33-7 tungsten

| | |
|---------------------|--|
| WEL (Great Britain) | Short-term value: 10 mg/m ³ Long-term value: 5 mg/m ³ as W |
|---------------------|--|

- **Regulatory information** WEL (Great Britain): EH40/2020
- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Appropriate engineering controls** No further data; see item 7.
- **Individual protection measures, such as personal protective equipment**
- **General protective and hygienic measures:** The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:** Not required.
- **Hand protection** Not required.

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