

**WTW Safety Data Sheet**  
According to EC Directives 91/155/EEC

**1. Identification of the substance/preparation and of the company/undertaking**

*Product name:*

**Z-KAL-Kit 115VAC**

**Ord. No.: 860 191**

**Model: Z-KAL-Kit 115VAC**

*Manufacturer:*

WTW Wissenschaftlich-Technische Werkstätten GmbH, Dr.-Karl-Slevogt-Straße 1, D-82362 Weilheim, Germany

Tel.: +49(0) 881 183-0 Fax.: +49(0) 881 183-420

Emergency telephone:  
(001)-703-527-3887

**2. Composition/information on ingredients**

*Chemical characterization:* Sodiumthiosulfate solution

*Ingredients:* Sodiumthiosulfate-Pentahydrate

*Hazard symbols:* No hazardous product

*R-phrases:* Not applicable

*Content:* Unknown

*CAS-No.:* 10102-17-7

*EG-No.:* 231-867-5

**3. Hazards identification**

No hazardous product as specified in Directive 67/548/EEC

**4. First aid measures**

*After inhalation:* Fresh air

*After skin contact:* Wash off with plenty of water.  
Remove contaminated clothing.

*After eye contact:* Rinse out with plenty of water with the eyelid held wide open. Summon eye specialist.

*After ingestion:* Make injured person drink plenty of water,  
Summon doctor.

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### 5. Fire-fighting measures

|                                        |                                                                                                  |
|----------------------------------------|--------------------------------------------------------------------------------------------------|
| <i>Suitable extinguishing media:</i>   | To suit environment.                                                                             |
| <i>Unsuitable extinguishing media:</i> | No information available.                                                                        |
| <i>Special risks:</i>                  | In case of fire use suitable chemical protection clothing and selfcontained breathing apparatus. |
| <i>Other information:</i>              | Non-combustible.                                                                                 |

### 6. Accidental release measures

|                                                 |                                                                                                |
|-------------------------------------------------|------------------------------------------------------------------------------------------------|
| <i>Personal-related precautionary measures:</i> | Do not inhale vapours/aerosols.                                                                |
| <i>Environmental-protection measures:</i>       | Do not allow to enter sewerage system.                                                         |
| <i>Procedures for cleaning/absorption:</i>      | Take up with liquid-absorbent material. Forward for disposal. Rinse away remainder with water. |

### 7. Handling and storage

|                  |                                        |
|------------------|----------------------------------------|
| <i>Handling:</i> | No further requirements.               |
| <i>Storage:</i>  | Store tightly closed at +15°C to 25°C. |

### 8. Exposure control/personal protection

|                                     |                                                                                   |
|-------------------------------------|-----------------------------------------------------------------------------------|
| <i>Specific control parameters:</i> | No specific control parameter available.                                          |
| Personal protective equipment       |                                                                                   |
| <i>Respiratory protection:</i>      | Required when vapours/aerosols are generated.                                     |
| <i>Eye protection:</i>              | Protective glasses                                                                |
| <i>Hand protection:</i>             | Gloves (nitril rubber)                                                            |
| <i>Industrial hygiene:</i>          | Wash hands and face after working with solution.<br>Change contaminated clothing. |

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Z-KAL-Kit 115

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### 9. Physical and chemical properties

*Form:* liquid                      *Colour:* colourless                      *odour:* Odourless

|                                                        |                    |
|--------------------------------------------------------|--------------------|
| <i>pH-value</i>                                        | about 9-10 at 20°C |
| <i>Melting temperature:</i>                            | not available      |
| <i>Boiling temperature:</i>                            | not available      |
| <i>Ignition temperature:</i>                           | not available      |
| <i>Flash point:</i>                                    | not available      |
| <i>Explosion limite lower:</i>                         | not available/     |
| <i>                                         upper:</i> | not available      |
| <i>Density:</i>                                        | unknown            |
| <i>Solubility in water:</i>                            | miscible           |
| <i>Thermal decomposition:</i>                          | unknown            |

### 10. Stability and reactivity

|                                          |                                                 |
|------------------------------------------|-------------------------------------------------|
| <i>Conditions to be avoided:</i>         | No information available.                       |
| <i>Substances to be avoided:</i>         | The generally known reactons partners of water. |
| <i>Hazardous decomposition products:</i> | Sulfur oxides                                   |
| <i>Further information:</i>              | None                                            |

### 11. Toxicological information

|                                           |                                                                                |
|-------------------------------------------|--------------------------------------------------------------------------------|
| <i>Acute toxicity:</i>                    | Quatitative data on the toxicity of this product are not available.            |
| <i>Further toxicological information:</i> | The product should be handled with the care usual when dealing with chemicals. |

### 12. Ecological information

|                          |                                                                                                             |
|--------------------------|-------------------------------------------------------------------------------------------------------------|
| <i>Ecotoxic effects:</i> | No ecological problems are to be expected when the product is handled and used with due care and attention. |
|--------------------------|-------------------------------------------------------------------------------------------------------------|

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### 13. Disposal considerations

*Products:* There are no uniform regulations for the disposal of chemicals or residues. The disposal is regulated through corresponding regional laws and regulations. We recommend that you contact either the authorities in charge or approved waste disposal companies which will advise you on how to dispose the special waste.

*Packaging:* Handle contaminated packaging in the same way as the substance itself. If not officially specified differently, noncontaminated packaging may be treated like household waste or recycled.

### 14. Transport information

*ADR/GGVSE:* /

*IMDG/GGVSee:* /

*ICAO/IATA:* /

*Further information:* Not subject to transport regulations.

### 15. Regulatory information

Labelling according to EC directives

*Symbol:* No hazardous product.

*R-phrases:* /

*S-phrases:* /

German regulations

*Water pollution class;* WGK: 1 slightly polluting substance

*Regulation on combustible liquids;* VbF: Not applicable.

*Other regulations:* None

### 16. Other information

Date of issue: 10.12.2007

Supersedes edition of First edition

Reason for alteration: First edition

The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.