

Safety Data Sheet

according to Regulation (EC) No 1907/2006 (REACH)

Trade name: WLPK

Revision date: 05.10.2015

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Version: 2.1

1.) Identification of the substance/mixture and of the company/undertaking

Product identifier:

Trade name: WLPK

Relevant identified uses: Industrial use

Supplier: Fischer Elektronik GmbH & Co. KG
P.O.box 1590 • D-58465 Lüdenscheid
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Phone: +49 2351/435-0 / Fax: +49 2351/45754

Informing department: product safety department, reach@fischerelektronik.de

Emergency contact: Toxicological information centre D-53113 Bonn

Emergency telephone no: +49 228 19240

2.) Hazards identification

Classification according to Regulation (EC) No 1272/2008

Aquatic Chronic 2: H411 Toxic to aquatic life with long lasting effects.

Labelling according to Regulation (EC) No 1272/2008



Hazard pictograms:

Signal word: Warning

Hazard statements: H410: Very toxic to aquatic life with long lasting effects.

3.) Composition/information on ingredients

Chemical characterisation: Mixture

Dangerous components:

<u>CAS-Nr.</u>	<u>EINECS</u>	<u>Substance</u>	<u>Concentr.</u>	<u>Classification according CLP</u>
1314-13-2	215-222-5	ZINKOXID	10 ≤ 25 %	Aquatic Chronic1H410
REACH-No: 01-2119463881-32				

Additional information: For the wording of the listed risk phrases refer to section 16.

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4.) First aid measures

General information: Remove clothes that have been contaminated with the product.

After inhalation: Supply fresh air.

After skin contact: Wash the area with soap and water.
Consult a doctor if skin irritation persists.

After eye contact: Rinse opened eye for several minutes under running water.
If symptoms persist, consult doctor.

After swallowing: Seek medical treatment.

Most important symptoms and effects, both acute and delayed:

None known.

5.) Firefighting measures

Suitable extinguishing agents: Foam, Dry powder, Water spray jet, Carbon dioxide.

For safety reasons unsuitable extinguishing agents:
Water with a full water jet.

Special exposure hazards arising from the substance or mixture:
Risk of formation to toxic pyrolysis products.

Protective equipment: Use self-contaminated firefighting apparatus.

Additional information: Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.

6.) Accidental release measures

Personal precautions, protective equipment and emergency procedures:
High risk of slipping due to leakage/spillage of product.

Environmental precautions: Do not discharge into the drains/surface water/groundwater.

Methods and material for containment and cleaning up:
Collect mechanically.
Dispose of absorbed material in accordance within the regulations.

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7.) Handling and storage

Precautions for safe handling:

Precautions for safe handling:

No special precautions necessary if used correctly.

Conditions for safe storage, including any incompatibilities storage:

Requirements to be met by storerooms and containers:

Keep only in original container.

Further information on storage conditions:

Store in a dry place. Protect from sun.

8.) Exposure controls/personal protection

Additional advice on system design:

Ensure adequate ventilation on workstation.

Respiratory protection:

Not applicable.

Hand protection:

Butyl rubber, >480 min (EN374)

Eye protection:

Safety glasses

Skin protection:

Not applicable.

General protective measures:

none

Hygiene measures:

Wash hands before breaks and after work.
Use barrier skin cream.

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9.) Physical and chemical properties

General Information:

Form	pasty
Colour	silver-grey
Smell	characteristic
pH-value	not applicable
pH-Value (1%)	not applicable
Boiling point [°C]	not applicable
Flash point:	> 260 °C
Flammability [°C]	not applicable
Lower explosion limit	not applicable
Upper explosion limit	not applicable
Combustible properties	no
Vapour pressure [kPa]	not determined
Density [g/ml]	1,4 (20°C/68°F)
Bulk density [kg/m³]	not applicable
Solubility in water	insoluble
Partition coefficient (n-octanol/water)	not applicable
Viscosity	not applicable
Relative vapour density determined in air	not determined
Evaporation speed	not determined
Melting point [°C]	not determined
Autoignition temperature [°C]	not determined
Decomposition temperature [°C]	not determined

10.) Stability and reactivity

Reactivity: No dangerous reactions known if used as directed.

Chemical stability:

Thermal decomposition / conditions to be avoided:

No decomposition if used and stored according to specifications.

Possibility of hazardous reactions:

If product is heated above decomposition temperature toxic vapours may be released.

Conditions to avoid:

See chapter 7.

Incompatible materials:

No further relevant information available.

Hazardous decomposition products:

None in case of appropriate storage/handling/transport.

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11.) Toxicological information

Information on toxicological effects

Acute toxicity:

<u>CAS-Nr.</u>	<u>Substance</u>	<u>Content [%]</u>
1314-13-2	ZINKOXID	10 ≤ 25

LD50, dermal, Rat:	> 2000 mg/kg bw.
LD50, oral, Rat:	> 15000 mg/kg (IUCLID).
LD50, inhalativ, Rat:	> 5,7 mg/l (4h) (Lit.).

Serious eye damage/irritation: not determined

Skin corrosion/irritation: not determined

Respiratory or skin sensitisation: not determined

Specific target organ toxicity: not determined

Mutagenicity: not determined

Reproduction toxicity: not determined

Carcinogenicity: not determined

General remarks: Toxicological data are not available.
 No classification on the basis of the calculation procedure of the preparation directive.

12.) Ecological information

Toxicity:

<u>CAS-Nr.</u>	<u>Substance</u>	<u>Content [%]</u>
1314-13-2	ZINKOXID	10 ≤ 25

Persistence and degradability:

Behaviour in environment compartments: not determined

Behaviour in sewage plant: not determined

Behaviour degradability: not determined

Bioaccumulative potential: not determined

Mobility in soil: not determined

Results of PBT and vPvB assessment: PBT: Not applicable.
 vPvB: Not applicable.

Other adverse effects: The product was classified on the basis of the calculation procedure of the preparation directive.

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13.) Disposal considerations

Waste treatment methods: Coordinate the waste disposal with the national authorities.

Product: In according to RoHS! Disposal in an incineration plant in accordance with the regulations of the local authorities.

Uncleaned packagings: Disposal must be made according to official regulations.

14.) Transport information

Land transport ADR/RID

ADR/RID Class: 9 Miscellaneous dangerous substances and articles
 Classification Code: M6
 UN-Number: 3082
 Packing group: III
 Hazard label: 9
 Proper Shipping Name: 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (zinc oxide)
 Limited quantity (LQ): 5 l
 Danger releasing substance: Zinc oxide
 Tunnel restriction code: E
 Transport label: 9 miscellaneous dangerous substances and articles

See transport (IMDG)

IMDG-Code-Class: 9 Miscellaneous dangerous substances and articles
 UN-No.: 3082
 Packing group: III
 EMS No.: F-A S-F
 Proper Shipping Name: UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (zinc oxide)
 Danger releasing substance: Zinc oxide
 Limited quantity (LQ): 5 l
 Hazard label: 9 Miscellaneous dangerous substances and articles

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Air transport (ICAO-TI / IATA-DGR)

ICAO/IATA - Class:	9 Miscellaneous dangerous substances and articles
Packing group:	III
UN/ID-No.:	3082
Proper Shipping Name:	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (zinc oxide)
Danger releasing substance:	Zinc oxide
Hazard label:	9 Miscellaneous dangerous substances and articles

15.) Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture:

EU Regulations: 1967/548; 1991/689; 1999/13; 2004/42; 648/2004; 1907/2006 (Reach); 1272/2008; 75/324/EWG; 453/2010/EG

Transport-Regulations: ADR; IMDG-Code, IATA-DGR

Chemical safety assessment: not applicable

16.) Other information

This data is based on our present knowledge. However, it shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

This Material Safety Data Sheet was created by means of manufacturer information.

Relevant phrases:

H410: Very toxic to aquatic life with long lasting effects.

H411: Toxic to aquatic life with long lasting effects.

Department issuing data specification sheet: product safety department

Contact: reach@fischerelektronik.de