

Safety Data Sheet

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

Trade name: WLP

Revision date: 10.11.2015

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Version: 2.2

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

Product identifier:

Trade name: WLP

Relevant identified uses: Industrial use

Supplier: Fischer Elektronik GmbH & Co. KG
P.O.box 1590 • D-58465 Lüdenscheid
Nottebohmstr. 28 • 58511 Lüdenscheid
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

Acute aquatic toxicity Category 1 H400 Very toxic to aquatic life.

Chronic aquatic toxicity Category 1 H410 Very toxic to aquatic life with long lasting effects.

Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms:



GHS09

Signal word:

Warning

Hazard statements:

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

Precautionary statements:

P273: Avoid release to the environment.
P391: Collect spillage.

Other hazards:

PBT: Not applicable.
vPvB: Not applicable.

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3.) Composition/information on ingredients

Description: Silicone oil with anorganic fillers.

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	Zinc oxide	≥ 50% to <75%	H400 1 Aquatic Acute H410 1 Aquatic Chronic

REACH-No: 01-2119463881-32

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

4.) First aid measures

Description of first aid measures

General information: Remove contaminated clothing.

After inhalation: Ensure supply of fresh air.

After skin contact: In case of contact with skin wash off with soap and water.

After eye contact: In case of contact with eyes rinse thoroughly with plenty of water.
If symptoms persist, seek medical advice.

After ingestion: In the event of symptoms seek medical advice.

Most important symptoms and effects, both acute and delayed

Symptoms: No information is on file to date regarding acute and/or delayed post-exposure symptoms and effects.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5.) Firefighting measures

Suitable extinguishing media: foam, carbon dioxide, dry powder, water spray.

Unsuitable extinguishing media: not applicable

Special hazards arising from the substance or mixture:

In case of fire the following can be released:
Carbon monoxide (CO), carbon dioxide (CO₂),
silicon dioxide, zinc oxide.

Advice for firefighters: Do not inhale explosion and/or combustion gases.

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6.) Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment.

Environmental precautions:

Do not allow to enter drains or waterways.
 Do not discharge into the subsoil/soil.

Methods and material for containment and cleaning up:

Pick up mechanically.
 Dispose of absorbed material in accordance with the regulations.

Reference to other sections:

For further information an exposure monitoring and disposal see sections 8 and 13.

7.) Handling and storage

Precautions for safe handling:

Advice on safe handling:

No special measures necessary if used correctly.

Hygiene measures:

Do not eat, drink or smoke when working.
 Wash hands before breaks and after work.

General protective measures:

No data available.

Conditions for safe storage, including any incompatibilities

Prevention of fire and explosion

Information:

No special measures required.

Storage

Information:

none.

German storage class:

13

Specific end use(s):

No further recommendations.

8.) Exposure controls/personal protection

Control parameters

Explosure limit(s):

CAS- Nr.	Ingredients	Art / Stand	Value	Unit	Value type
1314-13-2	Zinc oxide	TRGS 900 / 2005	5	mg/m ³	(A)
7631-86-9	Silica, Amorphous	TRGS 900 / 2006	4	mg/m ³	(E)

DNEL/DMEL:

No DNEL/DMEL values on file.

PNEC:

No PNEC value on file.

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Exposure controls:

<u>Eye protection:</u>	Goggles with side pieces
<u>Hand protection:</u>	PVC gloves
<u>Body protection:</u>	Light protective clothing
<u>Respiratory protection:</u>	In case of formation of vapours/dusts: Short term: filter apparatus, Filter P1

9.) Physical and chemical properties

Information on basic physical and chemical properties:

Physical state	solid
Form	pasty
Color	white
Odour	odourless
Odour Threshold	not measured
pH (20°C)	Remarks: neutral
Melting point	Drop point. ca. 260°C Method: (DGF-C-IV 3b)
Boiling point	not measured
Flash point	not applicable
Evaporation rate	not measured
Flammability	no data available
Upper Explosion/Ignition limit	not applicable
Lower explosion limit	not applicable
Vapour pressure	not measured
Relative vapour density	not measured
Relative density	no data available
Water solubility	insoluble
Partition coefficient (n-octanol/water)	not measured
Autoignition temperature	not measured
Thermal decomposition	not measured
Viscosity, kinematic	not data available
Viscosity, dynamic	not determined
Explosive properties	not measured
Oxidising properties	not measured
Other information	
Metal corrosion	not measured
Ignition temperature	not applicable

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10.) Stability and reactivity

<u>Reactivity:</u>	See section "Possibility of hazardous reactions".
<u>Chemical stability:</u>	The product is stable under normal conditions.
<u>Possibility of hazardous reactions:</u>	No hazardous reactions with proper storage and handling.
<u>Conditions to avoid:</u>	unknown
<u>Incompatible materials:</u>	unknown
<u>Hazardous decomposition products:</u>	None with proper storage and handling.

11.) Toxicological information

Information on toxicological effects

<u>Acute toxicity (oral):</u>	No data available.
<u>Acute toxicity (inhalation):</u>	No data available.
<u>Acute toxicity (dermal):</u>	No data available.
<u>Irritation/corrosion of the skin:</u>	No data available.
<u>Serious eye damage/eye irritation:</u>	No data available.
<u>Respiratory/skin sensitization:</u>	No data available.
<u>Repeates dose toxicity:</u>	No data available.

CRM assessment

<u>Carcinogenicity:</u>	No data available.
<u>Mutagenicity:</u>	No data available.
<u>Other informations:</u>	Proper use provided no adverse health effects have been observed or have been come to our knowledge. Eye contact may produce an oil film over the eye-ball causing a harmless reversible shortlasting dimness of sight.

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12.) Ecological information

Aquatic toxicity: No further relevant information available.

Persistence and degradability: No further relevant information available.

Bioaccumulative potential: No further relevant information available.

Mobility in soil: No further relevant information available.

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

Other adverse effects: No further relevant information available.

Other adverse effects:

General information: The product is considered to be a water pollutant (German law).
Do not allow to enter soil, waterways or waste water canal.

13.) Disposal considerations

Waste treatment methods:

Product: In accordance with local authority regulations, take to special waste incineration plant.

Contaminated packaging: If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards.

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14.) Transport information

Land transport ADR/RID

<i>ADR/RID Class:</i>	9 Miscellaneous dangerous substances and articles
<i>Packing group:</i>	III
<i>Kemler No.:</i>	90
<i>UN-Number:</i>	3077
<i>Proper Shipping Name:</i>	3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (zinc oxide)
<i>Danger releasing substance:</i>	Zinc oxide
<i>Limited quantity:</i>	LQ 27 (5kg)
<i>Hazard label:</i>	9
<i>Transport category:</i>	3
<i>Tunnel restriction code:</i>	E

See transport (IMDG)

<i>IMDG-Code-Class:</i>	9 Miscellaneous dangerous substances and articles
<i>Packing group:</i>	III
<i>UN-No.:</i>	3077
<i>EMS No.:</i>	F-A S-F
<i>Marine pollutant:</i>	Yes; symbol (fish and tree)
<i>Proper Shipping Name:</i>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (zinc oxide)
<i>Danger releasing substance:</i>	Zinc oxide
<i>Hazard label:</i>	9

Air transport (ICAO-TI / IATA-DGR)

<i>ICAO/IATA - Class:</i>	9 Miscellaneous dangerous substances and articles
<i>Packing group:</i>	III
<i>UN/ID-No.:</i>	3077
<i>Proper Shipping Name:</i>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (zinc oxide)
<i>Danger releasing substance:</i>	zinc oxide
<i>Hazard label:</i>	9

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15.) Regulatory information**Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations:***Technical instructions an Air Quality:* 5.2.5 (no class)*Major Accident Hazard Legislation:* 9a*Water contaminating class (Germany):* hazard to waters Classification acc. to German law*Risk classification according to BetrSichV (Germany):* -*Other regulations* none**Chemical safety assessment***Chemical safety assessment:* No chemical safety assessment was carried out for this product.**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: H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.*Department issuing data specification sheet:* product safety department*Contact:* reach@fischerelektronik.de