Fischer Elektronik GmbH & Co. KG Nottebohmstraße 28 D-58511 Lüdenscheid Fon: +49 (0)2351 435-0
www.fischerelektronik.de info@fischerelektronik.de

Safety Data Sheet

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

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

Product identifier:

Trade name: WLPF

Relevant identified uses: Lubricant

Supplier: Fischer Elektronik GmbH & Co. KG
P.O.box 1590 • D-58465 Lüdenscheid
Nottebohmstr. 28 • 58511 Lüdenscheid
Phone: +49 (0) 2351/435-0 / Fax: +49 (0) 2351/45754

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

Emergency contact: Toxicological information centre D-53113 Bonn
Emergency telephone no: +49 (0) 228 19240

2.) Hazards identification

Classification according to Regulation (EC) No 1272/2008

Aquatic Acute 1	H400	Very toxic to aquatic life.
Aquatic Chronic 1	H410	Very toxic to aquatic life with long lasting effects.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC

N;	dangerous for the environment
R50/53:	Very toxic to aquatic organisms, may cause long-term adverse effects the aquatic environment.

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.

Precautionary statements:
P262: Do not get in eyes, on skin, or on clothing.
P273: Avoid release to the environment

Other hazards:
PBT: Not applicable.
vPvB: Not applicable.

3.) Composition/information on ingredients

Description: Mixture of the substances listed below with harmless additions.

Dangerous components:

CAS-Nr.	EINECS	Substance	Content	Labelling	Classification according CLP
1314-13-2	215-222-5	ZINKOXID	50 to 100 %	N R50/53	Aquatic Acute 1, H400; Aquatic Chronic 1, H410

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

4.) First aid measures

Description of first aid measures

After inhalation: Supply fresh air.

After skin contact: Wash with water and soap and rinse thoroughly.

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
No further relevant information available
Indication of any immediate medical attention and special treatment needed
No further relevant information available

5.) Firefighting measures

Extinguishing media

Suitable extinguishing agents: CO_2, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

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

Special hazards arising from the substance or mixture: Carbonmonoxide (CO) and Carbondioxide (CO_2).

Protective equipment: Do not inhale explosion gases or combustion gases. Wear self-contained breathing apparatus.

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6.) Accidental release measures

Personal precautions, protective equipment and emergency procedures:
Particular danger of slipping on leaked / spilled product.

Environmental precautions: Do not allow product to reach sewage system or water bodies.

Methods and material for containment and cleaning up:
Collect mechanically.
Dispose of the material collected according to regulations.

Reference to other sections:
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for information on disposal.

7.) Handling and storage

Handling

Precautions for safe handling: No special precautions necessary if used correctly.

Information about protection against explosions and fires:
No special measures required.

Storage

Requirements to be met by storerooms and containers:
Store only in the original container.

Information about storage in one common storage facility:
Not required.

Further information about storage conditions:
None.

Recommended storage temperature:
Room temperature.

8.) Exposure controls/personal protection

Components with critical values that require monitoring at the workplace:
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: Not relevant because its inclusion within the matrix of the mixture.

Personal protective equipment

General protective and hygienic measures:
The usual precautionary measures should be adhered to when handling the lubricant.

Breathing equipment: Not required.

Protection of hands: Protective gloves.

Material of gloves: Nitrile rubber, NBR

Penetration time of glove material:
The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

Not suitable are gloves made of the following materials:
Leather gloves. Strong gloves

Eye protection: Safety glasses

9.) Physical and chemical properties

Form	Paste
Colour	White
Smell	Characteristic
Melting point / Melting range	Not determined
Boiling point / Boiling range	Not determined
Flash point	~ 200 °C base oil
Ignition temperature	Not determined
Danger of explosion	Not determined
Density at 20 °C	~ 2 g/cm³
Solubility in / Miscibility with Water	insoluble
Other information	No further relevant information available.

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10.) Stability and reactivity

Thermal decomposition / conditions to be avoided:	No decomposition if used and stored according to specifications.
Possibility of hazardous reactions	Reacts with strong acids and oxidizing agents.
Conditions to avoid	To avoid thermal decomposition do not overheat.
Incompatible materials	No further relevant information available.
Hazardous decomposition products	None in case of appropiate storage / handling / transport.

11.) Toxicological information

Information on toxicological effects
Acute toxicity
Primary irritant effect

on the skin:	No irritant effect.
on the eye:	Light irritation possible.

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.

13.) Disposal considerations

Recommendation	Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
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
Packing group:	III
UN-Number:	3077
Proper Shipping Name:	3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Zinc oxide)
Danger realeasing substance:	Zinc oxide
Transport label:	9 Miscellaneous dangerous substances and articles
Tunnel restriction code	*E*

See transport (IMDG)

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

Air transport (ICAO-TI / IATA-DGR)

ICAO/IATA - Class:	9 Miscellaneous dangerous substances and articles
Packing group:	III
UN/ID-No.:	3077
Label	*9*
Special marking	Symbol (fish and tree)
Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Zinc oxide)
Danger realeasing 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

National regulations

Water hazard class:	Water hazard class 2 (Self-assessment): hazardous for water.
Chemical safety assessment:	A Chemical Safety Assessment has not been carried out.

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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.

Relevant phrases:

H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Department issuing data specification sheet: product safety department
Contact: reach@fischerelektronik.de