

This Safety Data Sheet is "Regulation on Safety Data Sheets for Hazardous Substances and Mixtures" (Official Journal dated 13.12.2014 and numbered 29204) and "Regulation on Classification, Labeling and Packaging of Substances and Mixtures" Prepared in accordance with (Official Journal No. 28848 and 11.12.2013).

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier

Product name WOIL SAWING OIL

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified Uses An aromatic based oil developed for the lubrication of engines and chains of two-stroke saws used in wood cutting operations.

1.3 Details of the supplier of the safety data sheet

Supplier

Name ÖZERŞAH ENERJİ VE PETROL ÜRÜNLERİ TİCARET VE SANAYİ LİMİTED ŞİRKETİ

Address Gebkim Kimyacılar Osb. Atatürk Bulv. No:4/a Dilovası / KOCAELİ

Telephone 0262 502 01 99

Fax 0262 502 01 97

Web www.woil.com.tr

E-mail ozersahenerji@gmail.com

Related person Fetullah ARVAS

1.4. Emergency telephone number

ÖZERŞAH ENERJİ VE PET. ÜRÜN. TİC. VE SAN. LTD. ŞTİ. : 0262 502 01 99

National Poison Information Center (UZEM) : 114

Emergency Health Services : 112

2. HAZARDS IDENTIFICATION

22.1 Classification of the substance or mixture

Classification (28848 T.C.)

Physical and Chemical Hazards Not classified as harmful.

Hazard to Health



H319 Causes serious eye irritation.

Environmental Hazard Not classified as harmful.

2.2 Label elements

Labeling (28848 T.C.)

Hazard pictograms

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Warning Statement Attention!

Hazard Statements H319 Causes serious eye irritation.

Precautionary Statements

P101 Retain package or label if medical advice is needed.

P102 Keep out of reach of children.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P264 Wash thoroughly with after handling.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if fitted and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

2.3 Other Damages

Results of PBT and vPvB assessment ·

PBT: Not applicable.

vPvB: Not applicable.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

This material is not applied because it is arranged as a mixture.

3.2 Mixtures

Substance name	Cas No	EC No	Concentration %	Classification
Dialkylpolysulfide	68425-15-0	270-335-7	%5-<10	Aquatic Chronic 4, H413
Zink-bis-[O,O-bis-(2-ethylhexyl)]-bis-(dithiophosphat)	4259-15-8	224-235-5	%1-<5	Eye damage 1, H318; Aquatic Chronic 2, H411

4. FIRST AID MEASURES

4.1 Description of first aid measures

Immediately remove the items of clothing contaminated by the product.

Breathing

Take the casualty out to fresh air and leave them in a quiet place. Provide medical treatment in case of complaints.

Swallowing

Do not induce vomiting, rinse mouth thoroughly with water. Get emergency medical help.

Skin Contact

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Wash off immediately with soap and water and rinse thoroughly. The product is generally non-irritating to the skin. See a doctor in case of persistent skin irritation.

Eye Contact

Hold the eyes under running water for a few minutes with the eyelids open. Consult a doctor if complaints persist.

4.2 Most important symptoms and effects, both acute and delayed

No information.

4.3 Early Signs for Medical Intervention and Special Treatment

No information.

5. FIRE FIGHTING MEASURES

5.1 Fire Extinguishers

Suitable Fire Extinguishers

CO₂, extinguishing powder or spray water. Fight larger fires with alcohol-resistant foam. Adapt fire extinguishing measures to the environment.

Unsuitable Fire Extinguishers

Do not intervene directly with water.

5.2 Special Damages Caused by the Product

May form toxic gases in case of overheating or fire. A fire can produce: Carbon monoxide (CO) Sulfur dioxide (SO₂)

5.3 Protective Equipment for Fire Fighters

Fire Fighting Instructions: Evacuate area. Prevent the fire from spreading out of control or entering streams, sewers and drinking water networks. Cool containers exposed to flames with water until the fire is out. Just SPRAY water to cool containers!. Do not spray water on spilled material.

Care should always be taken to create an escape route in case of fire. Dry chemical, foam, water mist and carbon dioxide type fire extinguishers should be used for small fires. Water jets should not be used. The fire extinguisher should not be sprayed directly on the product storage area, and the spread of the product to the environment should be prevented. Indoor fires should be extinguished by trained personnel wearing protective clothing and oxygen masks.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Protective Measures

Wear respiratory protection that is not dependent on the ambient air. Provide adequate ventilation. Contact with eyes and skin should be avoided. There is a high risk of slipping due to spilled product.

6.2 Environmental Precautions

Avoid spreading to the environment. Avoid spilling into drains, waterways or soil. Place the container with the damaged side up to prevent escaping. In case of spills or uncontrolled discharges towards waterways, it is necessary to apply to the relevant and authorized local bodies IMMEDIATELY.

6.3 Collection and Cleaning Processes

Large spills: Stop leak if possible, provided there is no danger. DO NOT touch spilled material! Make a bund around the spill and remove sand, sawdust, etc. Collect with absorbent material. Collect spillage in

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container and hand over in accordance with local regulations for disposal after tightly sealing. Do not contaminate waterways or sewers. Notify authorities in case of large quantities. Small spills: Stop leak if possible provided there is no danger. Soak in vermiculite, dry sand or soil and put in boxes. Dispose of in accordance with local legislation under the supervision of authorized persons and through licensed waste disposal companies.

6.4 References to Other Sections

See chapters 8 and 13.

7. HANDLING AND STORAGE

7.1 Conditions for Safe Handling

Avoid contact with eyes and skin. No special precautions are necessary when used properly.

Information about fire and explosion protection: Vapors may form an explosive mixture with air.

7.2 Conditions for Safe Storage, Including Incompatibilities

Required properties in warehouses and containers: Store only in undamaged original boxes. · Information about storage in one common storage facility: Keep separately from oxidizing agents. · Further information on storage conditions: Protect from frost. Protect from heat and sun rays.

Storage class: 11

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

Components with limit values to be controlled regarding the workplace: The product does not contain substances with limit values that should be controlled and related to the workplace in significant quantities.

DNEL-values
4259-15-8 Zink-bis-[O,O-bis-(2-ethylhexyl)]-bis-(dithiophosphat)
Breathe Arbeiter - Langzeit - Local Effect 6.6 mg/m ³ (ECHA)

Additional notices: Based on the lists valid at the time of issue.

8.2 Exposure Controls

8.2.1 Engineering Precautions

8.2.2 Personal Protective Equipment

Process Conditions Provide eye wash facility.

Technical Precautions: Applicable precautionary measures should be taken into account when working with chemicals.

Respirator: Not necessary if the room is well ventilated.

Hand Protection: Oil resistant gloves In case of prolonged or repeated skin contact, use protection cream for the skin surface in contact with the product. The glove material must be impermeable and durable in relation to the product / material / preparation. Since the tests have not been carried out, no recommendation can be made regarding the material to be used in the manufacture of gloves required for the product / prepared substance / chemical mixture. It is necessary to consider the puncture times, permeability rates and deterioration in the selection of materials used for the manufacture of gloves.

The selection of the appropriate glove should take into account not only the material of manufacture, but also other quality characteristics, and these vary from manufacturer to manufacturer. Since each product

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consists of a combination of many materials, the durability of the gloves cannot be calculated in advance and therefore each glove must be checked before use.

Eye Protection: Wear safety glasses or a face shield if there is a risk of splashing.

Other Protection Methods: Wear steel-toed shoes.

Health Precautions: DO NOT SMOKE IN WORKING PLACES! Do not eat or drink or smoke during use. Wash your hands after contact. Immediately remove contaminated and non-waterproof clothing. Keep contaminated clothing separate and wash before reuse. After finishing work, remove contaminated clothing and wash skin thoroughly with soap and water.

Skin Protection: Wear apron.

9. PHYSICAL CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties

Physical Condition:	liquid
Color:	Characteristic
Odor:	No information.
pH:	No information.
Resolution:	No information.
Boiling point	No information.
Melting point	No information.
Flash point (ASTM D92)	185 °C
Density at 15°C (ASTM D4052)	0,890 g/cm ³
Viscosity 100°C (ASTM D445)	16,3-21,9 cSt
Pour point (ASTM D 97)	-18 °C

10. STABILITY AND REACTIVITY

10.1 Reaction

See subsections.

10.2 Chemical stability

Thermal decomposition / conditions to be avoided: No decomposition if used properly.

10.3 Possibility of hazardous reactions

No dangerous reactions known.

10.4 Conditions to avoid

No information.

10.5 Incompatible materials

Contact with strong oxidants should be avoided.

10.6 Hazardous decomposition products

Hazardous products formed in decomposition have not been heard.

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11. TOXICOLOGICAL INFORMATION

11.1 Information on toxic effects

Based on available information, it does not meet the classification criteria.

Inhalation: Based on available data, the classification criteria are not met.

Skin Contact: Frequent and continuous skin contact may cause skin damage.

Eye Contact: Causes serious eye irritation.

Information on the potential effects of the following groups:

CMR-effects (cancer-producing, hereditary and reproductive harm)

- **Germ cell mutagenicity Based** on available data, the classification criteria are not met.
- **Carcinogenicity Based** on available data, the classification criteria are not met.
- **Reproductive toxicity Based** on available data, the classification criteria are not met.
- **Specific target organ toxicity - single exposure Based** on available data, the classification criteria are not met.
- **Specific target organ toxicity - repeated exposure Based** on available data, the classification criteria are not met.
- **Aspiration hazard Based** on available data, the classification criteria are not met.

12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity

No information.

12.2 Acute Toxicity

Other warnings: Due to the durability of the product as well as its low water solubility, its bioavailability is unlikely.

12.3 Bioaccumulation potential

No information.

12.4 Mobility in soil

Other ecological warnings:

General warnings: Water hazard class 1 (:): slightly hazardous for water. Do not allow undiluted or large quantities of water to reach groundwater, standing and running water and sewers.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable. · vPvB: Not applicable.

12.5 Other adverse effects

No information.

13. DISPOSAL INFORMATION

Recommendation:The product can be reprocessed in suitable and prescribed facilities. Where necessary, the waste should be treated as special waste. Due to the estimated use of the product, the waste keys indicated are for recommendations.

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Uncleaned packaging:

Recommendation: The packaging must be disposed of in accordance with the packaging regulations. After the packaging is cleaned, it can be reused or evaluated as an item.

14. TRANSPORT INFORMATION

14.1 UN Number

Not applicable.

14.2 UN proper shipping name

Not applicable.

14.3 Transport hazard class(es)

There is no required transport warning sign.

14.4 Packing group

Not applicable.

14.5 environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of MARPOL/73/78 and the IBC code

Not applicable.

15. REGULATORY INFORMATION

No information. A Chemical safety assessment has not been conducted.

16. OTHER INFORMATION

16.1 Additional info

The information on health, safety and environment in the Safety Data Sheet has been given by examining the reliable sources available at the time the form was prepared. Whilst every care is taken with regard to the accuracy of the information, there is no guarantee of perfection or correctness of the information contained in this document. The health, safety, and environmental recommendations contained in this document may not be adequate for all individuals and/or situations. It is the responsibility of the users to evaluate the material, to use it safely and to comply with the laws and regulations regarding the issues related to this use. The expressions used in this document shall not be construed as any permission, recommendation or license for the practice and work performed without a valid license. ÖZERŞAH ENERJİ VE PETROL ÜRÜNLERİ TİCARET VE SANAYİ LİMİTED ŞİRKETİ will not be held responsible for any damage and/or injury that may arise from abnormal use of the material, failure to follow the recommendations or the hazards inherent in the material.

Key Information Sources

T.C. dated December 26, 2008 and numbered 27092. "Regulation on the Preparation and Distribution of Safety Data Sheets for Dangerous Substances and Preparations" published in the Official Journal

Hazard Statements

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H318 Causes serious eye damage.

H411 Toxic to aquatic life with long lasting effects.

H413 May cause long lasting harmful effects to aquatic life.

Abbreviations

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labeling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Eye Dam. 1: Serious eye damage/eye irritation, Category 1

Eye Irrit. 2: Serious eye damage/eye irritation, Category 2

Aquatic Chronic 2: Harmful to the aquatic environment, Long-term aquatic hazard, Category 2

Aquatic Chronic 4: Harmful to the aquatic environment, Long term aquatic hazard, Category 4

16.2 Prepared by:

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