

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 FINE MACHINE OIL

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

Identified Uses Industrial use

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 Phone 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

2.1 Classification of the substance or mixture

Classification (28848 TC)

Physical and Chemical Hazards Not classified as harmful.
Human Health Not classified as harmful.
Environment Not classified as harmful.

2.2 Label Elements

Labeling (28848 TC)

Labeling is not required. Not classified as harmful.

Hazard pictograms Not classified as harmful.
Warning Statement None.
Hazard Statements Not classified as harmful.
Precautionary Statements Not classified as harmful.

2.3 Other Damages

There is no other foreseen danger.

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3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

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

3.2 Mixtures

According to the current legislation (TC 28848), this product does not contain substances that may be considered hazardous to health and the environment. It also does not contain any substances with a known exposure limit.

About the composition • The data is the latest T.C. and A.B. provided in accordance with regulations.

NOTE: DOES NOT CONTAIN METAL PROHIBITED SUBSTANCES.

4. FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation

If there is irritation of the nose and throat or cough as a result of gas inhalation, the affected person should be moved to fresh air. If breathing stops, a breathing mask should be used. If symptoms persist, a doctor should be consulted.

Swallowing

Rinse mouth thoroughly with water. DO NOT try to induce vomiting. Get emergency medical help.

Skin Contact

Remove contaminated clothing. Wash with plenty of water. When in doubt or when symptoms are observed, seek medical attention. Contact with hot product causes thermal burns.

Eye Contact

Rinse with plenty of water, keeping eyelids open. If there is redness and pain, the doctor should be checked. In cases where medical assistance is required, take it to the hospital without delay.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation: May be irritating.

Skin Contact: Dryness and redness may occur on the skin.

Eye Contact: May cause eye irritation.

Ingestion: Ingestion may cause nausea.

4.3 First Signs for Medical Intervention and Special Treatment

No specific treatment is recommended. Treat according to symptoms.

5. FIRE FIGHTING MEASURES

5.1 Fire Extinguishers

Suitable Fire Extinguishers

Foam, dry chemical, carbon dioxide and water mist should be used. The water jet should not be used.

5.2 Special Damages Caused by the Product

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As a result of combustion, toxic gases such as carbon dioxide, sulfur oxide, nitrogen oxide and carbon monoxide are formed.

5.3 Protective Equipment for Fire Fighters

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

Appropriate protective equipment should be used to prevent contamination on skin, eyes and personal clothing. In case of fire, artificial respiration devices should be used. Immediate cooling is required,

6.2 Environmental Precautions

It should not be allowed to enter groundwater, surface waters or sewers. Improper discharge into the environment may cause soil and water pollution. In case of mixing with waters or sewers, the competent authorities should be informed.

6.3 Collection and Cleaning Processes

In case of small spills, it should be absorbed with liquid binder material (Sand, diatomaceous earth, acid or general binders) and collected in closed and suitable containers for disposal. In the event of large spills, they must be mechanically collected (removed by pumping) for disposal by qualified persons. The product should be collected in closed and suitable containers, and its mixing with soil and water should be prevented.

6.4 References to Other Sections

See section 8 for personal protection. See Chapter 11 for additional information on health hazards. See section 13 for waste disposal.

7. HANDLING AND STORAGE

7.1 Conditions for Safe Handling

Good ventilation should be provided in the working environment and breathing the vapor formed during use should be avoided. Skin contact should be avoided and hygienic rules should be applied. Contact with eyes should be avoided. Goggles or a face mask should be used to avoid eye contact. Do not allow it to come into contact with soil, surface or ground water.

7.2 Conditions for Safe Storage, including any incompatibilities

Store in a dry, cool and well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other sources of ignition. Storage containers should be appropriately labeled. Unless there is good ventilation, storage tanks should not be entered without an oxygen mask. Storage and connection materials made of steel/stainless steel materials compatible with the product should be used. Material compatibility should be checked as some synthetic materials may be incompatible with the product.

7.3 Specific End Uses

Identified uses of this product are detailed in Section 1.2.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

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No data.

8.2 Exposure Controls

No appropriate occupational exposure limits.

8.2.1 Engineering Measures

Make sure that the ventilation is good. Eye/face wash units and safety showers must be installed close to the work area to be used in case of emergencies, injury and exposure.

8.2.2 Personal Protective Equipment

Eye / Face: Face and eye protection glasses should be used.

Skin Protection: It can irritate the skin. In case of contact with skin, wash with plenty of water. Contaminated clothing should be removed and washed.

Respiratory precautions: It can irritate the skin. In case of contact with skin, wash with plenty of water. Contaminated clothing should be removed and washed

9. PHYSICAL AND 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.
Relative Density	No information
Vapor density	No information.
Vapor pressure	No information.
Distribution Coefficient (n-octanol/water)	No information.
Explosive property	No information.
Oxidizing properties	No information.
Viscosity 100°C	3,3-4,0 cSt (ASTM D 445)
Viscosity Index	95 (ASTM D 2270)
Flash point	180°C (ASTM D 92)
Pour point	-15°C (ASTM D 97)

10. STABILITY AND REACTIVITY

10.1 Reactivity

In case of combustion, CO₂, SO₂, NO_x, CO can be formed.

10.2 Chemical stability

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Stable under normal conditions.

10.3 Possibility of hazardous reactions

Do not mix the product with other substances.

10.4 Conditions to avoid

Should be stored between 0°C and 50°C

10.5 Incompatible materials

It should be kept away from sources of ignition. It should not be contacted with strong reducing (oxidizing) substances.

10.6 Hazardous decomposition products

Thermal decomposition products vary with conditions. Incomplete combustion produces dangerous gases including smoke, carbon dioxide and carbon monoxide.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxic effects

Akut toksisite: No information.

Skin Corrosion/Irritation: No information.

Serious Eye Damage/Irritation: No information.

Respiratory or Skin Sensitization: No information.

Germ Cell Mutagenicity: No information.

Carcinogenicity: Not carcinogenic.

Reproductive Toxicity: No information.

Specific Target Organ Toxicity (STOT Single): No information.

Specific Target Organ Toxicity (STOT Repeated): No information.

12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity

No information.

12.2 Persistence and degradability

It has the ability to accumulate in the soil. May have adverse effects on aquatic organisms.

12.3 Bioaccumulative potential

No information.

12.4 Mobility in soil

The product is not volatile. It has the ability to accumulate in the soil.

12.5. Results of PBT and vPvB assessment

No information.

12.6 Other adverse effects

None known.

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13. DISPOSAL INFORMATION

13.1 Waste Treatment Methods

Waste and used packaging must be disposed of in accordance with official regulations. It should be prevented from mixing with surface and underground waters, drinking water sources, standing and running water, and sewerage.

13.2 Safe Disposal

It must be disposed of by qualified licensed personnel in accordance with official regulations.

13.3 Additional Information

National and international legislation on waste should be consulted. See Chapter 7 for safe handling methods.

14. TRANSPORT INFORMATION

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

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 Damages

Environmentally hazardous/marine pollutant

No.

14.6 Special precautions for the user

Not applicable.

14.7 Public transport according to Annex II of MARPOL 73/78 and the IBC code

Not applicable.

15. REGULATORY INFORMATION

This Safety Data Sheet is "Regulation on Safety Data Sheets for Hazardous Substances and Mixtures" (Official Gazette dated 13.12.2014 and numbered 29204) and "Regulation on Classification, Labeling and Packaging of Substances and Mixtures" (Official Gazette No. 28848 and 11.12.2013) prepared in accordance with Content and format Regulation (EU) No.1907/2006 (REACH) and (EU) No. Compliant with Regulation 1272/2008 (CLP).

16. OTHER INFORMATION

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16.1 Additional Information

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. While utmost care is taken in the accuracy of the information, there is no guarantee of perfection or accuracy regarding 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.

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Abbreviations

ADR: European Agreement on the International Carriage of Dangerous Goods by Road.

ADN: European Agreement on the International Carriage of Dangerous Goods by Inland Waterways.

RID: European Agreement on the International Carriage of Dangerous Goods by Rail.

IATA: International Air Transport Association.

ICAO-TI: Technical Specification for the Safe Carriage of Dangerous Goods by Air.

IMDG: International Maritime Dangerous Goods.

CAS: Chemical Theories Service.

PBT: Persistent, Bioaccumulative and Toxic.

vPvB: Very Persistent and Very Bioaccumulative.

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