

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 5W40 ENGINE OIL

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

Identified Uses SYNTHETIC MOTOR OIL

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

2.1 Classification of the substance or mixture

Classification (28848 T.C.)

Physical and Chemical Hazards Not classified as harmful.

Human Health Not classified as harmful.

Environment Aquatic Chronic 1 – H410

2.2 Label elements

Labeling (28848 T.C.)

Hazard pictograms



Warning Statement Attention!

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

Precautionary Statements

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P273 Avoid release to the environment.

P391 Collect spills.

P501 Dispose of contents/container according to national regulations.

2.3 Other hazards

There is no other foreseen danger.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

This material is not applicable as it is arranged as a mixture

3.2 Mixtures

Chemical Composition	CAS No	EC No	% Rate	Risk Units
poliolefin poliamin süksinimid, poliol	-	-	1-5 %	Aquatic Chronic 4- H413
Calcium branched chain alkyl phenate sulfide	-	291-829-9	1-5 %	Aquatic Chronic 4- H413
Dallanmış alkil fenol ve dallanmış Kalsiyum alkil fenol M faktörü (akut) = 1 M faktörü (kronik) = 10000000	-	-	< 1 %	Skin Irrit. 2- H315 Eye Irrit. 2- H319 Product Fog. Full. 1B- H360 Aquatic Acute 1- H400 Aquatic Chronic 1- H410

Additional Information

The full text of the hazard statements is given in Section 16.

4. FIRST AID MEASURES

4.1 Description of first aid measures

General information

If discomfort persists, seek medical attention.

Inhalation

Move person to fresh air immediately. Wash nose and mouth with water. If discomfort persists, seek medical attention.

Ingestion

Vomiting should not be forced. Mouth should be washed with plenty of water. In case of nausea and other symptoms, a doctor should be consulted with the label of the swallowed substance.

Skin contact

Remove the casualty from the source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. If discomfort persists, seek medical attention.

Eye contact

Remove any contact lenses and open eyelids wide. Continue washing for at least 15 minutes. Continue washing for at least 15 minutes. If discomfort persists, seek medical attention.

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4.2 Most important symptoms and effects, both acute and delayed

Inhalation	There are no known specific symptoms.
Ingestion	There are no known specific symptoms.
Skin contact	There are no known specific symptoms.
Eye contact	There are no known specific symptoms.

4.3 Indication of any immediate medical attention and special treatment needed

No specific treatment is recommended. Treat according to symptoms.

5. FIRE FIGHTING MEASURES

5.1 Fire Extinguishers

Suitable extinguishing tools: The product is not flammable. Use an appropriate extinguishing material to surround the fire.

Unsuitable extinguishing agents

Do not use: Water.

5.2 Special Damages Caused by the Product

Where the concentration of dust in the air exceeds 10 mg/m³, protection against irritating dust must be provided. Carbon oxides. Nitrogen oxides.

5.3 Protective Equipment for Fire Fighters

Protective measures to be taken during fire extinguishing

Avoid breathing fire gases or vapours. Control running fire extinguishing water by limiting and preventing it from entering sewers and waterways.

Special protective equipment for firefighters

Wear positive-pressure self-contained breathing apparatus and suitable protective clothing.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Protective Measures

Use the personal protective equipment in item 8. Wear protective clothing as shown in section.

6.2 Environmental Precautions

Avoid spilling into drains, watercourses or soil.

6.3 Methods and material for containment and cleaning up

Spill cleaning methods

If possible, stop the leak as long as there is no danger. Absorb with vermiculite, dry sand or soil and place in containers. Flush contaminated area with copious amounts of water. Avoid entry of spillage or runoff into drains, sewers or water bodies.

6.4 Reference to other sections

See Chapter 8 for personal protective equipment. See Chapter 13 for disposal of spills.

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7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Usage precautions

Avoid spilling. Avoid contact with eyes and skin.

7.2 Conditions for safe storage, including any incompatibilities

Storage precautions

Store in tightly closed original packaging in a dry, cool and well-ventilated place.

7.3 Storage class

Identified uses for this product are detailed in Section 1.2.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

No data.

8.2 Exposure Controls

8.2.1 Engineering Measures

Provide adequate ventilation. Avoid breathing vapours. Observe the occupational exposure limit for the product and ingredients.

8.2.2 Personal Protective Equipment



Process Conditions Provide eye wash facility.

Technical Measures: Comply with Operational Exposure Limits and reduce the risk of inhaling vapours. Provide adequate ventilation.

Respirator: No special recommended storage measures. In case of excessive air pollution, respiratory protection may be required.

Hand Protection: If the risk assessment indicates that skin contact is possible, chemical resistant, waterproof gloves complying with an approved standard should be used.

Eye Protection: Eye protection conforming to an approved standard should be used if the risk assessment indicates the possibility of eye contact. The following means of protection should be used: Chemical splash goggles or a face shield.

Health Precautions: Do not smoke in the work area. Wash your hands at the end of each shift and before eating, smoking and going to the toilet. Remove contaminated clothing immediately. Use a suitable skin cream to prevent the skin from drying out. Do not eat, drink or smoke during use.

Skin Protection: Wear suitable clothing to avoid any skin contact.

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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical condition	Liquid
Color	Characteristic
Odor	substance-specific
pH	No information
Resolution	No information
Boiling point	No information
Melting point	No information
DMSO extract (for mineral oil only), IP-346:	< 3 wt%
flash point (ASTM D92)	230 °C
Density 15°C (ASTM D4052)	0,860 g/cm ³
Viscosity 100°C (ASTM D445)	12,5-16,3 cSt
Viscosity index (ASTM D 2270)	162
Pour point (ASTM D 97)	-36 °C

10. STABILITY AND REACTIVITY

10.1 Reactivity

There are no known reactive hazards associated with this product.

10.2 Chemical stability

It is stable at normal ambient temperatures.

10.3 Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions do not occur.

10.4 Conditions to avoid

No information.

10.5 Incompatible materials

There is no particular substance or group of substances which, if reacted with the product, could pose a hazardous situation.

10.6 Hazardous decomposition products

Fire active: Carbon monoxide (CO). Carbon dioxide (CO₂).

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxic effects

Inhalation: Inhalation of mist or fumes may cause irritation of the eyes, nose and throat. The vapor of the hot product is irritating to the upper respiratory tract.

Ingestion: May cause discomfort if swallowed.

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Skin Contact: The liquid may irritate the skin.

Eye Contact: Irritating to eyes.

12. ECOLOGICAL INFORMATION

12.1 ecotoxicity

It is not considered dangerous for the environment.

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulation potential

No data available.

12.4 Mobility in soil

Mobility: The product is immiscible with water and spreads on the water surface. **It can damage the water.**

12.5 Results of PBT and vPvB Assessment

No data available.

12.6 Other Adverse Effects

No available information.

13. DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

General information

The packaging must be empty (so as not to drip residue when turned upside down).

Waste treatment methods

Dispose of waste at a licensed waste disposal facility in accordance with the requirements of local Waste Disposal Authorities. The environmental officer should be informed of all major spills. Avoid entry of spillage or runoff into drains, sewers or water bodies.

14. TRANSPORT INFORMATION

14.1 UN Number

Not applicable.

14.2 UN proper shipping name

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packing group

Not applicable.

14.5 environmental hazards

Environmentally hazardous substance/marine pollutant

No.

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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

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

National regulations

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

Guide

Workplace Exposure Limits EH40.

CHIP for everyone HSG228.

Safety Data Sheet for substances and preparations.

Approved Classification and Labelling Guide (Sixth edition) L131

16. OTHER INFORMATION

16.1 Revision information

It is the first edit.

16.2 Hazard statements

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H360 May cause damage to the unborn child or damage fertility if swallowed.

H400 It is very toxic in the aquatic environment.

H410 Very toxic to aquatic life with long lasting effects.

H413 May cause long lasting harmful effects in the aquatic environment.

16.3 Precautionary Statements

P273 Avoid release to the environment.

P391 Collect spills.

P501 Dispose of contents/container according to national regulations.

16.4 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



MATERIAL SAFETY DATA SHEET

WOIL 5W40 MOTOR OIL



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16.5 Prepared by:

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