

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 422 TRANSMISSION OIL

1.2 Use of the Substance/ Mixture and Uses Not Recommended, if any

Use It is used in transmission units, brakes, hydraulic systems, final drive units, differentials and transmissions of tractors and work machines.

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

Faks 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 (NPIC) : 114

Emergency Health Services : 112

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification (28848 T.C.)

Physical Harm Not classified as harmful

Hazard to Health Not classified as harmful

Environmental Hazard Not classified as harmful

2.2 Label Elements

Labeling (28848 T.C.)

Labeling is not required. It is not classified as harmful.

Hazard pictograms Not classified as harmful.

Warning Statement None.

Hazard Statements It is not classified as harmful.

Precautionary Statements It is not classified as harmful.

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2.3 Other Damages

There is no other foreseen danger.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

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

3.2 Mixtures

Some substances are not classified according to the current legislation. Classification has been made by the manufacturer. According to IP 346, the DMSO rate is less than 3%.

Components	CAS No	Quantity	Classification
Distillates (petroleum), hydrotreated heavy paraffinic	64742-54-7	%2 -3,5	Unclassified
Distillates (petroleum), solvent polished heavy paraffinic	64742-65-0	%1,5 - 2	Unclassified
Phosphorodithioic acid, mixed O,O-bis(2-ethylhexyl and isoBu and iso-Pr) esters, zinc salts	85940-28-9	< %1,5	Skin Irrit. 2, H315 Eye Damage 1, H318 Aquatic Chronic 2, H411
Calcium long-chain alkaryl sulfonate		< %1	Skin Irrit. 2, H315
Calcium alkyl phenate sulfide phosphorsulfide polyolefin		< %1	Aquatic Chronic 3, H412

For the full text of the H statements in this section, see Chapter 16.

4. FIRST AID MEASURES

4.1 Description of first aid measures

Breathing

If itching and coughing occur in the nose and throat due to inhalation of mist or steam, the patient should be taken to fresh air. If symptoms persist, a doctor should be consulted..

Swallowing

Mouth should be rinsed with plenty of water. If swallowed in large quantities, it should be taken to a doctor without causing vomiting.

Skin Contact

It should be washed thoroughly with plenty of soap and water. Remove contaminated clothing and wash contacted skin.

Eye Contact

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It should be washed with copious amounts of water. Contact lenses, if present, should be removed. If a persistent flushing occurs, a doctor should be consulted.

4.2 Most important symptoms and effects, both acute and delayed

Ingestion may cause nausea, vomiting and/or diarrhoea.

4.3 Early 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

It is extinguished using dry chemical powder, foam, water mist, carbon dioxide (CO₂).

Unsuitable extinguishing agents

Never intervene the fire with water. If strong water is thrown, it may cause the fire to spread.

5.2 Special Damages Caused by the Product

Never intervene the fire with water. If strong water is thrown, it may cause the fire to spread.

5.3 Protective Equipment for Fire Fighters

Protective measures to be taken during fire extinguishing

Fires in confined areas must be extinguished by trained personnel wearing protective clothing and oxygen masks.

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

Wear protective clothing as shown in section 8 of this safety data sheet. Contact with skin and eyes should be avoided. Provide adequate ventilation.

6.2 Environmental Precautions

Spilled material should be prevented from spreading and flowing. Spillage into sewers, watercourses or soil should be avoided.

Local authorities should be notified if there is significant spillage.

6.3 Collection and Cleaning Processes

It is slippery when spilled. Spilled material should be collected by applying sand, sawdust or similar suitable materials. Spilled product should be isolated from ignition sources and good ventilation should be provided. Collecting large amounts of spilled material should be done by qualified personnel.

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.

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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. Eye and skin contact should be avoided and hygienic rules should be applied. Avoid eating, drinking and smoking while using. Wash your hands thoroughly after use.

7.2 Conditions for Safe Storage, Including Incompatibilities

It should be stored in its original packaging in cool, dry and well-ventilated storage areas. It should not be exposed to direct sunlight and should not be stored close to heat sources.

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

Exposure Limit Values: Base oil – undetermined TWA: 5 mg/m³ 8 hours

8.2 Exposure Controls

8.2.1 Engineering Measures

Provide adequate ventilation in the work area. Avoid breathing vapours.

8.2.2 Personal Protective Equipment



Eye Protection

Face shield or safety glasses should be used in case of eye contact.

Skin Protection

Protective clothing and gloves should be used to prevent skin contact.

Hand Protection

Chemical resistant gloves (nitrile or neoprene) should be used.

Protection of the Respiratory System

Appropriate respirator should be used when exposure to hydrocarbon vapors is likely.

8.2.3 Environmental Exposure Controls

Take appropriate measures for the requirements of the relevant environmental legislation. Do not allow the substance to enter water pipes, sewers or soil.

9. PHYSICAL CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties

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Physical State	Liquid
Color:	Characteristic
Odor:	No information available.
pH:	No information available.
Resolution:	No information available.
Boiling Point	No information available.
Melting Point	No information available.
DMSO ekstraktı (for mineral oil only), IP-346:	< 3 % ağı
Flash point (ASTM D92)	200 °C
Viscosity 100°C ASTM D445)	14 cSt
Viscosity Index (ASTM D 2270)	110

10. STABILITY AND REACTIVITY

10.1 Reactivity

See subsections

10.2 Chemical stability

Stable under normal temperature conditions and recommended operating conditions. Stable under prescribed storage conditions.

10.3 Possibility of hazardous reactions

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

10.4 Conditions to avoid

It should not be exposed to high temperatures or direct sunlight.

10.5 Incompatible materials

Strong reducing (oxidizing) agents.

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

Eye contact: May cause eye irritation and burning.

Skin contact: May irritate skin.

Ingestion: May cause discomfort if swallowed. Nausea and gastrointestinal disorders are the main symptoms.

Inhalation: Mist and vapors may be irritating to eyes, nose and throat if inhaled.

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12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity

It is thought to be harmful to aquatic organisms. Spills form a film layer on the water surface, preventing oxygen transfer.

12.2 Persistence and degradability

It is expected to disappear spontaneously in nature.

12.3 Bioaccumulative potential

There is no information about the product being bioaccumulative.

12.4 Mobility in soil

Spilled product pollutes groundwater.

12.5 Results of PBT and vPvB assessment

None known.

12.6 Other adverse effects

None known.

13. DISPOSAL INFORMATION

13.1 Waste treatment methods

It should preferably be recovered or disposed of by an approved collector according to current legislation.

Waste should never be dumped into the environment or waterways.

Waste containers must be recovered or disposed of in accordance with current legislation.

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 are no required transport warning signs.

14.4 Packing group

Not applicable.

14.5 Environmental Damages

Environmentally hazardous/marine pollutant

No.

14.6 Special precautions for the user

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Not applicable.

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

Not applicable.

15. REGULATORY INFORMATION

15.1 Specific safety, health and environmental regulations for the substance or mixture

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

Directory Workplace Exposure Limits EH40.
CHIP for everyone HSG228.
Approved Classification and Labelling Guide (Sixth edition) L131.
Safety Data Sheet for substances and preparations .

16. OTHER INFORMATION

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 to ensure 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. 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, not following the recommendations or from the natural hazards of the material.

Explanation About Revision

SDS was arranged for the first time in accordance with the current Turkish regulation provisions.

16.2 Abbreviations

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

ADNR: Regulation on Carriage of Dangerous Goods in Rivers

RID: Legislation on International Transport of Dangerous Goods by Rail

IMDG: Regulation on Carriage of Dangerous Goods at Sea

ICAO-TI: Technical Instructions of the International Civil Transport Organization

IATA-DGR: International Air Transport Association Dangerous Goods Legislation

UZDM: National Poison Information Center ISGGM: General Directorate of Occupational Health and Safety

ACGIH: American Government Association of Industrial Hygienists

ASTM: American Society for Testing Materials

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CAS: Chemical Corporations Service GHS : Global Harmonized Classification and Labeling System of Chemicals

OEL: Occupational Exposure Limit Values

TWA: Time-weighted average measured or calculated for a specified reference period of 8 hours.

STEL: The upper limit value for exposure that should not be exceeded for a period of 15 minutes, unless another time is specified.

PBT: Persistent, Bioaccumulative and Toxic vPvB: Very Persistent and Very Bioaccumulative

MARPOL 73/78: Convention for the Prevention of Marine Pollution from Ships

16.3 Hazard Definitions

Full text of H statements used in sections 2 and 3

H315: Causes skin irritation.

H318: Causes serious eye damage.

H411: Toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

Full text on classifications

Skin Irrit.:Skin irritation

Eye Damage: Eye damage

Aquatic Chronic: Aquatic Chronic

16.4 Prepared by

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Document No :TÜV / 01.230.05

Document Validity Date :25.06.2023