

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 BORON OIL

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

Identified Uses Used in the use of various metals (cutting and grinding) for all industrial products

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 Harm Not classified as harmful.

Hazard to Health

Skin Irritation Category 2, Eye Irritation Category 2, Aquatic Chronic Category 4

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H413 May cause long lasting harmful effects to aquatic life.

Environmental Hazard Aquatic Chronic Category 4.

2.2 Label elements

Labeling (28848 T.C.)

Hazard pictograms

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Warning Statement

Attention!

Hazard Statements

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H413: May cause long-term harmful effects in the aquatic environment.

Precautionary Statements

P264: Wash thoroughly with soap and water after handling.

P280: Wear protective gloves and eye protection.

P302+P352: IF ON SKIN: Wash with plenty of soap and water.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P362: Take off contaminated clothing and wash before reuse.

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.

P273: Avoid release to the environment.

P501: Dispose of contents and container according to all local, regional, national and international regulations.

2.3 Other Damages

Physical / Chemical Hazards: No obvious hazards.

Human Health Hazards: Subcutaneous injection at high pressure may cause severe irritation. Excessive exposure to liquids and mists may cause skin and eye irritation. In addition, excessive exposure to mists may cause irritation and damage to the respiratory tract. Mists can be irritating to eyes, nose, throat and lungs.

Environmental Hazards: Aquatic Chronic Category 4

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

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

3.2 Mixtures

Highly refined base oil (IP 346 DMSO extraction, < 3 %). Special performance additives.

Substance name	CAS No	EC No	Concentration %	Classification
Replaceable low viscosity base oil (<20.5 mm ² /s @40°C)	Unclassified	-	%70-85	Asp. Tok.1; H304

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Polyethyleneglycol monooleate	9004-96-0	-	%2,5-3,5	Skin Irrit.2 H315
Triethanolamine oleate	2717-15-9	220-311-7	%1,7-2,5	Eye Irrit.. H319
Ethoxylated C12-16 Alcohol	68551-12-2		%0,1-<1	Eye Damage.1- H318 Acute Tox.4 – H302
Benzotriazole	95-14-7	202-394-1	%0,1-<1	Eye Irrit.2 – H319 Acute Tox.4 – H302 Aquatic Chronic2 – H411

Additional Information

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. In case of swallowing in large quantities, it should be taken to a doctor without causing forceful vomiting.

Skin Contact

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

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

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

5.2 Special Damages Caused by the Product

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Combustion produces toxic gases. Carbon monoxide may be produced if combustion is not completed. It can burn at high temperatures.

5.3 Protective Equipment for Fire Fighters

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

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Protective Measures

Contact with skin and eyes should be avoided. Use appropriate personal protective equipment. 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 specialists.

6.4 References to Other Sections

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

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 Belirli Son Kullanımlar

No information available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

EXPOSURE CONTROL LIMITS

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

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Process Conditions Provide eye wash facility.

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

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

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

Eye Protection: Face shield or goggles should be used in case of eye contact.

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

Additional warnings: 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

Physical Condition:	:Liquid
Color (Emulsion):	Milk White
Smell :	:Characteristic
Odor Threshold	:No data
pH (Emulsiyon)	:9,5
Melting Point	: Not applicable
Pour Point	:Not applicable
Initial Boiling Point	:No data
Flash Point	:150 'C (Method: ASTM D92, Cleveland Open cup)
Evaporation Rate	:No data
Flammability (solid, gas)	:No data
Upper/Lower Flammability Limits	:No data
Vapor Pressure	:No data
Vapor Density	:No data
Density, 15'C	:0.880 g/ml
Solubility	: Forms emulsion with water.
Distribution Coefficient:	:No data
Flammability	:No data
Decomposition Temperature	:No data
K. Viscosity 40°C	:29,33 mm ² /s (Method: ASTM D445)
Explosive Properties	:No data

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Oxidizing Properties :No data
Rust Test(DIN 51360-2) :Passed (Method: 1.STAGE)

10. STABILITY AND REACTIVITY

10.1 Reaction

See subsections.

10.2 Chemical stability

Under normal conditions, the substance is stable.

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

Inhalation: Mist and vapors may irritate eyes, nose and throat if inhaled.

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

Skin Contact: Prolonged or repeated contact may cause skin irritation. Contact of hot product with skin causes skin burns.

Eye Contact: May cause eye irritation and burning.

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 Bioaccumulation potential

No data available.

12.4 Mobility in soil

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Spilled product pollutes groundwater.

12.5 Results of PBT and vPvB Assessment

No data available.

12.6 Other Adverse Effects

No data available.

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

14.1 UN Number

It is not classified as a Dangerous Good. (ADR/RID, ADNR, IMDG, ICAO/IATA)

14.2 UN proper shipping name

It is not classified as a Dangerous Good. (ADR/RID, ADNR, IMDG, ICAO/IATA)

14.3 Transport hazard class(es)

It is not classified as a Dangerous Good. (ADR/RID, ADNR, IMDG, ICAO/IATA)

14.4 Packing group

It is not classified as a Dangerous Good. (ADR/RID, ADNR, IMDG, ICAO/IATA))

14.5 environmental hazards

It is not classified as a Dangerous Good. (ADR/RID, ADNR, IMDG, ICAO/IATA)

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 Legislation Specific to the Substance or Mixture

This Safety Data Sheet was published in the Official Gazette dated 13 December 2014 and numbered 29204, "Regulation on Safety Data Sheets for Harmful Substances and Mixtures", and "Regulation on Classification, Labeling and Packaging of Substances and Mixtures" published in the Official Gazette dated 11 December 2013 and numbered 28848. It is based on "

16. OTHER INFORMATION

16.1 Additional info

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Abbreviations and synonyms

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 Advisory Center

ISGGM: General Directorate of Occupational Health and Safety

ACGIH: American Government Association of Industrial Hygienists

ASTM: American Society for Testing Materials

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

Full text of H statements used in sections 2 and 3

H304: Fatal if swallowed and enters the respiratory tract.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H318: Causes serious eye damage

H302: Harmful if swallowed.



MATERIAL SAFETY DATA SHEET
WOIL BORON OIL
WOIL®
Gold Drop Series

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H411: Toxic to aquatic life with long lasting effects.

H413: May cause long-term harmful effects in the aquatic environment.

Full text on classifications

Asp. Tough: Aspiration Toxicity

Skin Irritation: Skin Irritation

Acute Toxicity: Acute Toxicity

Eye Irritation: Eye Irritation

Aquatic Crowns. : Aquatic Chronic

16.2 Prepared by:

Full Name : Şerife KAYA

Document no : TÜV / 01.230.05

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