

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 MONEX HYDRAULIC BRAKE FLUID DOT 3

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

Identified Uses It is used in hydraulic brake systems and clutches of motor vehicles.

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.monex.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 Hazards Not classified as harmful.

Human Health Acute Tox. 4- H302 Eye Damage. 1- H318

Environment Not classified as harmful.

2.2 Label elements

Labeling (28848 T.C.)

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Hazard pictograms

Warning Statement

Dangerous

Hazard Statements

H302 Harmful if swallowed.

H318 Causes serious eye damage.

Precautionary Statements

P264 Wash contaminated skin thoroughly after handling.

P270 Do not eat, drink or smoke while using this product.

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

P301+P312 IF SWALLOWED: If you feel unwell, call POISON CENTER 114 or your doctor/physician.

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

P310 Immediately call the NATIONAL POISON ADVICE CENTER or doctor/physician.

P330 Rinse your mouth.

P501 Dispose of contents/container according to national regulations.

Contents 2-[2-(2- butoxyethoxy)ethoxy]ethanol, 2,2'-oxybisethanol

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

Component	CAS number	EC number	Concentration	Classification
Polyglycol ethers	9004-77-7	500-012-0	50-100%	Eye Dam. 1, H318 Eye Irrit. 2, H319
Polyethylene glycols	25322-68-3	500-038-2	50-100%	-

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%.

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

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4. FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation

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

Swallowing

Never give anything by mouth to an unconscious person. Do not try to induce vomiting. Rinse mouth thoroughly with water. If discomfort persists, seek medical attention.

Skin Contact

Move the casualty away 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.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation No specific symptoms known.

Ingestion No specific symptoms known.

Skin contact No specific symptoms known.

Eye contact No specific symptoms known.

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

The product is not flammable. Extinguish with foam, carbon dioxide, dry powder or water fog.

Unsuitable extinguishing agents

Do not use: Water.

5.2 Special Damages Caused by the Product

Thermal decomposition or combustion products may include the following: Asphyxiant gases. Carbon monoxide (CO). Nitrogenous gases (NO_x).

5.3 Protective Equipment for Fire Fighters

Protective measures to be taken during fire extinguishing

Avoid breathing fire gases or vapours.

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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.

6.2 Environmental Precautions

Avoid spilling into drains, watercourses or soil.

6.3 Collection and Cleaning Processes

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 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

Avoid spilling. Avoid contact with eyes and skin.

7.2 Conditions for Safe Storage, Including Incompatibilities

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

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

No information.

8.2 Exposure Controls

8.2.1 Engineering Precautions

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

8.2.2 Personal Protective Equipment

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Protection of the Respiratory System

There are no recommended special storage measures. In case of excessive air pollution, respiratory protection may be required.

Eye / Face Protection

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

Skin Protection

Wear suitable clothing to avoid any skin contact.

Hand Protection

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

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. In case of skin contamination, wash immediately. Remove contaminated clothing immediately. Use a suitable skin cream to prevent the skin from drying out. Do not eat, drink or smoke during use.

9. PHYSICAL CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties

Physical Condition:	liquid
Color:	Characteristic
Odor:	No information.
pH:	9,8
Resolution:	No information.
Boiling point	No information.
Melting point	No information.
DMSO extract (only for mineral oil),IP-346:	< 3 % wt
flash point (ASTM D92)	111 °C
Density 15°C (ASTM D4052)	1,020 g/cm ³

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Viscosity 40°C (ASTM D445) 6,01 cSt

Viscosity 100°C (ASTM D445) 1,72 cSt

10. STABILITY AND REACTIVITY

10.1 Reactivity

None known.

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

Avoid excessive heat for long periods of time.

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 creates: Carbon monoxide (CO). Carbon dioxide (CO₂).

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxic effects

acute toxicity - oral 166.667,0
ATE oral (mg/kg)

Inhalation: Gas or vapor in high concentrations may irritate the respiratory system. The following symptoms may occur after overexposure: Cough.

Ingestion: May cause discomfort if swallowed.

Skin contact: The liquid may irritate the skin.

Eye contact: If vapor or spray gets into the eyes, it may cause irritation and burns to the eyes.

12. ECOLOGICAL INFORMATION

12.1 ecotoxicity

It is not considered dangerous for the environment.

acute aquatic toxicity LC₅₀, 96 hours: 596 (96 h) mg/l, Balığı

Acute toxicity – fish

12.2 Persistence and degradability

No information.

12.3 Bioaccumulation potential

The product does not bioaccumulate.

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12.4 Mobility in soil

It can damage the water.

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

Dispose of waste at a licensed waste disposal facility in accordance with the requirements of local Waste Disposal Authorities.

14. TRANSPORT INFORMATION

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

14. 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

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.

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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 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. ÖZERSAH 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.

Explanation About Revision

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

16.2 All Hazard Statements

H302 Harmful if swallowed.

H318 Causes serious eye damage.

16.3 Prepared by:

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