

SAFETY DATA SHEET COMPRESSOR OIL XT 46

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name COMPRESSOR OIL XT 46

Product number 22161

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

Identified uses Industrial oil

1.3. Details of the supplier of the safety data sheet

Supplier PETROL OFİSİ A.Ş.

Ünalan Mahallesi, Libadiye Caddesi No: 82F Kat: 2-3-4, 34700 Üsküdar/ Istanbul

Tel: +90 850 339 1919 Fax: +90 216 275 3854 madeniyag@petrolofisi.com.tr

Contact person Customer Services: madeniyag@petrolofisi.com.tr

1.4. Emergency telephone number

Emergency telephone Madeni Yağ Customer Services: 0850 339 1919 (working hours)

National emergency telephone

number

Emergency Medical Services: 112 National Poison Consultance Center: 114

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

2.2. Label elements

Hazard statements NC Not Classified

2.3. Other hazards

Not applicable.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Distillates (petroleum), hydrotreated heavy paraffinic

95-100%

CAS number: 64742-54-7 EC number: 265-157-1 REACH registration number: 01-

2119484627-25-0033

Classification

Not Classified

The full text for all hazard statements is displayed in Section 16.



COMPRESSOR OIL XT 46

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

Composition comments Some substances are not classified by legistlation. They are self classified by the manufacturer. The

DMSO extract by IP 346 of the oil is less than 3%

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any

discomfort continues.

Ingestion Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly

with water. Get medical attention if any discomfort continues.

Skin contact Remove affected person from source of contamination. Remove contaminated clothing. Wash skin

thoroughly with soap and water. Get medical attention if any discomfort continues.

Eye contact Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes.

Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

InhalationNo specific symptoms known.IngestionNo specific symptoms known.Skin contactNo specific symptoms known.Eye contactNo specific symptoms known.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing media Do not use the following: Water.

5.2. Special hazards arising from the substance or mixture

5.3. Advice for firefighters

Protective actions during

Avoid breathing fire gases or vapours.

firefighting

Special protective equipment for

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

firefighters

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

For non-emergency personnel Necessary precautions should be taken to ensure that non-educated personnel do not intervene.



COMPRESSOR OIL XT 46

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

For emergency responders

Stop the leakage source if it can be done without risk.Limit spillage to prevent further contamination of soil, surface or ground water.Remove any spilled material as soon as possible by following the precautions in the section Exposure Controls / Personal Protection.Use suitable techniques such as non-flammable absorbent materials or pumping.When possible or appropriate, remove the contaminated soil from the area.Place contaminated products in disposable boxes and dispose of in accordance with regulations.If a heated material is spilled, allow it to cool before handling with disposal methods.

6.2. Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush

contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or

watercourses.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. For waste disposal, see Section 13. See Section 11 for additional

information on health hazards. See Section 1 for emergency contact information. See Section 12 for

additional information on ecological hazards.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Good ventilation should be provided in the working environment and inhalation of vapor generated during

use should be avoided.

Skin contact should be avoided and hygienic rules should be followed.

Eye contact should be avoided. Wear goggles or a face mask to prevent eye contact.

Avoid eating, drinking and smoking while using. Use disposable clothing. Prevent soil contamination or

spillage into sewage systems and water.

Advice on general occupational

hygiene

Do not eat, drink or smoke when using this product. Persons susceptible to allergic reactions should not

handle this product. Provide shower facilities near the workplace.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place. Store in accordance with

national regulations. Store in a demarcated bunded area to prevent release to drains and/or

watercourses.

Storage class Not applicable.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

Usage description The product must be used as specified in the data sheet.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

Distillates (petroleum), hydrotreated heavy paraffinic

Oil mist: TWA: 5 mg/m3 (ACGIH).In no case should this limit be exceeded or the local limit, if it is more restrictive.

8.2. Exposure controls



According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

Protective equipment







Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for

the product or ingredients.

Personal protection Personal protective equipment (PPE) should meet recommended national standards. Check with PPE

suppliers.

Eye/face protection Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact

is possible. The following protection should be worn: Chemical splash goggles or face shield.

Hand protection Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk

assessment indicates skin contact is possible.

Other skin and body protection Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures Do not smoke in work area. Wash at the end of each work shift and before eating, smoking and using the

toilet. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent

drying of skin. When using do not eat, drink or smoke.

Respiratory protection No specific recommendations. Respiratory protection may be required if excessive airborne contamination

occurs.

Thermal hazards If there is a risk of contact with hot product, all protective equipment worn should be suitable for use with

high temperatures.

Environmental exposure controls Residues and empty containers should be taken care of as hazardous waste according to local and

national provisions. Keep container tightly sealed when not in use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance Liquid. Colour Yellow.

Odour Characteristic.

Odour threshold Inconclusive data.

pΗ Scientifically unjustified.

Melting point Inconclusive data. Initial boiling point and range Inconclusive data.

Flash point ~244°C OC (Open cup).

Inconclusive data. **Evaporation rate Evaporation factor** Inconclusive data. Flammability (solid, gas) Inconclusive data Upper/lower flammability or

explosive limits

Inconclusive data.

Other flammability Inconclusive data.



According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

Vapour pressure Inconclusive data. Inconclusive data. Vapour density Relative density ~0,88 g/ml @ 15°C

Bulk density Not known.

Solubility(ies) Insoluble in water. Partition coefficient Inconclusive data. Auto-ignition temperature Inconclusive data. **Decomposition Temperature** Inconclusive data. ~46 cSt @ 40°C Viscosity **Explosive properties** Inconclusive data.

flame

Explosive under the influence of a Not considered to be explosive.

Oxidising properties No data available.

Particle characteristic

9.2. Other information

Other information No information required.

Refractive index Inconclusive data. Particle size Inconclusive data. Molecular weight Inconclusive data. Volatility Inconclusive data. Saturation concentration Inconclusive data. Critical temperature Inconclusive data. Volatile organic compound Inconclusive data.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity This product is stable under normal conditions.

10.2. Chemical stability

Stability Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions No hazardous reaction under normal conditions of storage and use.

10.4. Conditions to avoid

Conditions to avoid Avoid excessive heat for prolonged periods of time. Avoid contact with strong oxidising agents.

10.5. Incompatible materials

Materials to avoid Strong oxidising agents.



According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (ÉÙ) 2020/878 of 18 June 2020.

10.6. Hazardous decomposition products

Hazardous decomposition

products

Carbon monoxide (CO). Carbon dioxide (CO2). Oxides of nitrogen. Sulfur oxides. Phosphor oxides. Thermal decomposition or combustion may generate smoke, carbon monoxide, carbon dioxide,irritating vapors and other products of incomplete combustion.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Information on hazard classes as defined in Regulation (EC) No 1272/2008

Other health effects No relevant information available.

Toxicological effects Information given is based on product data, a knowledge of the components and the toxicology of similar

products

Acute toxicity - oral

Summary Based on available data the classification criteria are not met.

Notes (oral LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - dermal

Summary Based on available data the classification criteria are not met.

Notes (dermal LD50) Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Summary Based on available data the classification criteria are not met.

Based on available data the classification criteria are not met. Notes (inhalation LC₅₀)

Skin corrosion/irritation

Summary Expected to be slightly irritant.

Skin corrosion/irritation Based on available data the classification criteria are not met.

Animal data Based on available data the classification criteria are not met.

Human skin model test Based on available data the classification criteria are not met.

Extreme pH Based on available data the classification criteria are not met.

Serious eye damage/irritation

Summary Eye contact may cause irritation.

Serious eye damage/irritation Based on available data the classification criteria are not met.

Respiratory sensitisation

Summary Mist may cause slight irritation if inhaled.

Respiratory sensitisation Based on available data the classification criteria are not met.

Skin sensitisation

Skin Sens. 1 - H317 Summary

Skin sensitisation Sensitising

Germ cell mutagenicity



According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

Summary It is not expected to cause genetic damage in the light of current data.

Genotoxicity - in vitroBased on available data the classification criteria are not met.

Genotoxicity - in vivo Based on available data the classification criteria are not met.

Carcinogenicity

Summary There is no test data about the carcinogenicity of this product.

Carcinogenicity Based on available data the classification criteria are not met.

Target organ for carcinogenicity No specific target organs known.

Not listed.

Not listed.

Not listed.

Reproductive toxicity

SummaryThere is no test data indicating that this product has a toxic effect on the reproductive system.

Reproductive toxicity - fertility Based on available data the classification criteria are not met.

Reproductive toxicity -

development

Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

Summary There is no available data.

STOT - single exposure Based on available data the classification criteria are not met.

Target organs No specific target organs known.

Specific target organ toxicity - repeated exposure

Summary There is no available data.

STOT - repeated exposureBased on available data the classification criteria are not met.

Target organs No specific target organs known.

Aspiration hazard

Summary Slight irritation of the respiratory tract may occur, if mists are inhaled.

Aspiration hazard Based on available data the classification criteria are not met.

Toxicokinetics No information is required.

General information No other information known.

Inhalation Gas or vapour in high concentrations may irritate the respiratory system. Symptoms following

overexposure may include the following: Coughing.

Ingestion May cause discomfort if swallowed

Skin contact Liquid may irritate skin.

Eye contact May cause temporary eye irritation.

Acute and chronic health hazards There is not enough data.

Route of exposure There is no available data.



According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

Target organsNo specific target organs known.

Medical symptoms No specific tes data are available.

Medical considerations No specific tes data are available

11.2 Information on other hazards

Information on other hazards

SECTION 12: Ecological information

Ecotoxicity Not regarded as dangerous for the environment.

12.1. Toxicity

Acute aquatic toxicity

Summary No other information known.

Acute toxicity - fish No other information known.

Acute toxicity - aquatic

invertebrates

No other information known.

Acute toxicity - aquatic plants

No other information known.

Acute toxicity - microorganisms

No other information known.

No other information known.

Chronic aquatic toxicity

Summary No other information known.

Chronic toxicity - fish early life

stage

No other information known.

Short term toxicity - embryo and

sac fry stages

No other information known.

Chronic toxicity - aquatic

invertebrates

No other information known.

Toxicity to soil No other information known.

Toxicity to terrestrial plants No other information known.

12.2. Persistence and degradability

Persistence and degradability There are not enough test data.It is not expected that the product may be readily biodegradable based on

the ingredients of this product.

Phototransformation Inconclusive data.

Stability (hydrolysis) Inconclusive data.

Biodegradation Not readily biodegradable.

Biological oxygen demand Inconclusive data.

Chemical oxygen demand Inconclusive data.

12.3. Bioaccumulative potential

Bioaccumulative potential Potentially bioaccumulating.



According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

Partition coefficient Inconclusive data.

12.4. Mobility in soil

Mobility The product is insoluble in water and will spread on the water surface.

Adsorption/desorption coefficient Inconclusive data.

Henry's law constant Inconclusive data.

Surface tension Inconclusive data.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB

assessment

Not applicable.

12.6 Endocrine disrupting

properties

Endocrine disrupting properties

12.6. Other adverse effects

Other adverse effects Films formed on water may affect oxygen transfer and damage organisms.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information The generation of waste should be minimised or avoided wherever possible.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste

Disposal Authority. Reuse or recycle products wherever possible. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated

containers, labelled with their contents.

Waste class

The waste code classification is to be carried out according to the European Waste Catalogue (EWC).

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA,

ADR/RID).

14.1. UN number

UN number or ID number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

Transport labels

No transport warning sign required.

14.4. Packing group

Not applicable.



COMPRESSOR OIL XT 46

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

Nο

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Maritime transport in bulk according to IMO instruments

Transport in bulk according to Annex II of MARPOL 73/78 and

Not applicable.

the IBC Code

SECTION 15: Regulatory information

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

National regulations

T. C. Regulation on the Classification, Labeling and Packaging of Substances and Mixtures No. 28848,

dated 11 December 2013, by the Ministry of Environment and Urbanization.

T. C. Regulation on the Classification, Labeling and Packaging of Substances and Mixtures No. 28848, dated 11 December 2013, by the Ministry of Environment and Urbanization.

According to Regulation (EC) No 1907/2006, Annex II, as amended.

EU legislation Commission Regulation (EU) No 453/2010 of 20 May 2010.

Dangerous Preparations Directive 1999/45/EC. Dangerous Substances Directive 67/548/EEC.

Guidance Safety Data Sheets for Substances and Preparations.

https://echa.europa.eu

Health and environmental listings Hazardous ingredients are listed.

Authorisations (Annex XIV Regulation 1907/2006)

No specific authorisations are known for this product.

Restrictions (Annex XVII Regulation 1907/2006)

No specific restrictions on use are known for this product.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information



COMPRESSOR OIL XT 46

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

Abbreviations and acronyms used E.U.: European union

in the safety data sheet

DMSO: Dimethyl sulfoxide

KKE: Personal protective aquipment

T.C.: Republic of Turkey

UZEM: National Poison Information Center

CAS: Chemical Abstracts Service.
GHS: Globally Harmonized System.

IATA: International Air Transport Association.

ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.

IMDG: International Maritime Dangerous Goods.
PBT: Persistent, Bioaccumulative and Toxic substance.

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No

1907/2006

vPvB: Very Persistent and Very Bioaccumulative.

Classification abbreviations and

acronyms

STOT RE = Specific target organ toxicity-repeated exposure

Skin Corr. = Skin corrosion

Eye Dam. = Serious eye damage

Acute Tox. = Acute toxicity Skin Sens. = Skin sensitisation

Aquatic Acute = Hazardous to the aquatic environment (acute)
Aquatic Chronic = Hazardous to the aquatic environment (chronic)

General information

This document contains important information to ensure the safe storage, handling and use of this product. The information in this document should be brought to the attention of the person in your organisation responsible for advising on safety matters. Uses and Restrictions: This product must not be used in applications other than those recommended in Section 1, without first seeking the advice of the supplier. This product is not to be used as a solvent or cleaning agent; for lighting or brightening fires; as a skin cleanser. MSDS Distribution: The information in this document should be made available to all who may handle the product. Disclaimer: This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

Key literature references and sources for data

This SDS is prepared based on the information received from raw material suppliers.

Classification procedures according to Regulation (EC)

1272/2008

SDS status

Skin Sens. 1 - H317: Calculation method., Supplier information Aquatic Chronic 3 - H412: Calculation

method., Supplier information

Training advice Untrained personnel should not use.

Revision comments Revised classification.

Issued by Ece Yigit Chemical Assessment Specialist (Certificate No: KDU01.30.08 18.02.2028)

Revision date 23/02/2024

Revision 5

 Supersedes date
 17/06/2011

 SDS number
 10022

..

Hazard statements in full EUH208 Contains Aryl amine. May produce an allergic reaction.

Approved.



According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.