

SAFETY DATA SHEET AMORTISOR YAGI MYS

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 AMORTISOR YAGI MYS

Product number 29304

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

Identified uses Industrial oil

Uses advised againstUse only for intended applications.

1.3. Details of the supplier of the safety data sheet

Supplier PETROL OFISI 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 Müşteri Hizmetleri: 0850 339 19 19 (mesai saatleri)

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 Eye Irrit. 2 - H319

Environmental hazards Aquatic Chronic 3 - H412

2.2. Label elements

Hazard pictograms



Signal word Warning

Hazard statements H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.



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

Precautionary statements P264 Wash contaminated skin thoroughly after handling.

P273 Avoid release to the environment.

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

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses,

if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/ attention.

P501 Dispose of contents/ container in accordance with national regulations.

2.3. Other hazards

No other information known.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Lubricating Oils, complex combination of hydrocarbons obtained from solvent extraction and dewaxing.(C15-C50)

60-80%

CAS number: 74869-22-0 EC number: 278-012-2

See Section 8 for occupational exposure limits.

Classification

Not Classified

Distillates (petroleum), hydrotreated heavy naphthenic

25-40%

Classification

Not Classified

Distillates (petroleum), solvent dewaxed heavy paraffinic

1-5%

CAS number: 64742-65-0 EC number: 265-169-7

Classification

Not Classified

Zin bis [O, O-bis (2-ethylhexyl)] bis (dihtiophosphate)

1-5%

CAS number: 4259-15-8

Classification

Eye Dam. 1 - H318 Aquatic Chronic 2 - H411



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

2,6-di-tert-butylphenol

Classification

Skin Irrit. 2 - H315 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

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

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%

Ingredient notes See Section 8 for occupational exposure limits.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information Get medical attention if any discomfort continues.

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 irritation persists after washing.

Eye contact Remove affected person from source of contamination. Remove any contact lenses and open eyelids

wide apart. Continue to rinse for at least 15 minutes. Get medical attention immediately. Continue to rinse.

Protection of first aiders First aid personnel should wear appropriate protective equipment during any rescue.

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

General information See Section 11 for additional information on health hazards.

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.

Specific treatments Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media The product is not flammable. Extinguish with the following media: Foam, carbon dioxide or dry powder.

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

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5.2. Special hazards arising from the substance or mixture

Specific hazards Thermal decomposition may produce smoke, oxies of carbon and lower molecular weight organic

compounds whos composition have not been characterised. Combustion is likely to give rise to a complex mixture of airborne solid and liquid particulates and gases, including carbon monoxide, oxides of sulfur,

and unidentified organic and inorgaic compounds.

Hazardous combustion products A complex mixture of airborne solids, liquids and gases can be released. Smoke and irritating vapours as

products of incomplete combustion. Unidentified organic or inorganic compounds.

5.3. Advice for firefighters

Protective actions during firefighting

Avoid breathing fire gases or vapours. Ventilate closed spaces before entering them.

Special protective equipment for firefighters

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

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.

For emergency responders Notification: In case

Notification: In case of spillage, notify the local authorities as appropriate or as necessary. 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. Proper ventilation should be provided.

6.2. Environmental precautions

Environmental precautions Collect and dispose of spillage as indicated in Section 13.

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. Avoid

the spillage or runoff entering drains, sewers or watercourses.

6.4. Reference to other sections

Reference to other sections See Section 7 for more information on safe handling. For personal protection, see Section 8. For waste

disposal, see Section 13. See Section 1 for emergency contact information. See Section 11 for additional

information on health hazards. See Section 12 for additional information on ecological hazards.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Avoid spilling. Avoid contact with skin and eyes. Provide adequate ventilation. Avoid inhalation of vapours.

Advice on general occupational

hygiene

Persons susceptible to allergic reactions should not handle this product. Eye wash facilities and emergency shower must be available when handling this product. Good personal hygiene procedures should be implemented.

7.2. Conditions for safe storage, including any incompatibilities



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

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep only in the original

container.

Storage class Chemical storage.

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

Lubricating Oils, complex combination of hydrocarbons obtained from solvent extraction and dewaxing.(C15-C50)

None of the components has assigned exposure limits.

Distillates (petroleum), hydrotreated heavy naphthenic

TLV/TWA 5 mg/m3

Distillates (petroleum), solvent dewaxed heavy paraffinic

TWA: Workplace exposure limits

5 mg/m3 8 hours

STEL: Short term exposure limit

10 mg/m3 15 minutes.

Ingredient comments WEL = Workplace Exposure Limits

Biological limit values

No other information known.

No other information known.

No other information known.

PNEC

No other information known.

Lubricating Oils, complex combination of hydrocarbons obtained from solvent extraction and dewaxing.(C15-C50) (CAS: 74869-22-0)

Ingredient comments There is no approximate limit value for this product. Steam, fog or smoke should be controlled

to the lowest possible level.

Biological limit values

No information available.

No information available.

No information available.

PNEC

No information available.

Zin bis [O, O-bis (2-ethylhexyl)] bis (dihtiophosphate) (CAS: 4259-15-8)

DNEL Workers - Dermal; Long term systemic effects: 9,6 mg/kg, bw/day



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

PNEC Water; 0,004 mg/l

2,6-di-tert-butylphenol (CAS: 128-39-2)

DNEL Workers - Dermal; Long term systemic effects: 11,25 mg/kg, bw/day

Workers - Inhalation; Long term systemic effects: 70,61 mg/m³
Consumer - Oral; Long term systemic effects: 6,75 mg/kg, bw/day
Consumer - Inhalation; Long term systemic effects: 20,9 mg/m³

PNEC - Water; 0,00045 mg/l

- marine water; 0,000045 mg/l

Damıtıklar (petrol), hidrojenle muamele edilmiş ağır parafinik (CAS: 64742-54-7)

DNEL Workers - Inhalation; Long term : 5,4 mg/m³

Consumer - Inhalation; Long term : 1,2 mg/m³

PNEC Oral Value: 9,33 mg/kg

Bis(nonilfenil)amin (CAS: 36878-20-3)

PNEC Water; 0,1 mg/l

Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased (CAS: 122384-87-6)

PNEC - Water; 0,5 mg/l

8.2. Exposure controls

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. Koruyucu elbise ve önlüklerin düzenli bakımı yapılmalıdır.

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 Provide eyewash station. 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.



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

Environmental exposure controls Store in a demarcated bunded area to prevent release to drains and/or watercourses.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance Liquid. Colour Yellow.

Odour Characteristic.

Odour threshold No other information known. pН No other information known.

Melting point No other information known.

Initial boiling point and range No other information known.

Flash point min 150°C OC (Open cup).

Evaporation rate No information available.

Evaporation factor No other information known. Flammability (solid, gas) No other information known.

Upper/lower flammability or

explosive limits

No other information known.

Other flammability No other information known. Vapour pressure No other information known. Vapour density No other information known.

Relative density min. 0.87g/ml @ 15°C

Bulk density ~ 0,88 g/ml

Solubility(ies) No specific test data are available. Partition coefficient No specific test data are available. Auto-ignition temperature No specific test data are available. **Decomposition Temperature** No specific test data are available.

Viscosity min. 18 cSt @ 40°C

Explosive properties No specific test data are available.

Explosive under the influence of a No other information known.

flame

Oxidising properties No other information known. Comments No other information known.

Particle characteristic Not applicable

9.2. Other information

Other information No information required.



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

Refractive index No specific test data are available. Particle size No specific test data are available. Molecular weight No specific test data are available. Volatility No specific test data are available. Saturation concentration No specific test data are available. Critical temperature No specific test data are available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity Strong acids. Strong alkalis. Strong reducing agents. Strong oxidising agents.

No specific test data are available.

10.2. Chemical stability

Volatile organic compound

Stability Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Under normal conditions of storage and use, no hazardous reactions will occur.

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. Strong reducing agents. Strong acids. Strong alkalis.

10.6. Hazardous decomposition products

Hazardous decomposition

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

products

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 other information known. Toxicological effects No other information known

Acute toxicity - oral

No other information known. Summary

Notes (oral LD₅₀) No specific test data are available.

Acute toxicity - dermal

Summary No other information known.

Notes (dermal LD₅₀) No specific test data are available.

Acute toxicity - inhalation



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 No other information known.

Notes (inhalation LC₅₀) No specific test data are available.

Skin corrosion/irritation

Summary No other information known.

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

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

Human skin model testBased 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 No other information known.

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

Respiratory sensitisation

Summary No other information known.

Respiratory sensitisation No specific test data are available.

Skin sensitisation

Summary No other information known.

Skin sensitisation No specific test data are available.

Germ cell mutagenicity

Summary No other information known.

Genotoxicity - in vitro

No specific test data are available.

Genotoxicity - in vivo

No specific test data are available.

Carcinogenicity

Summary No other information known.

Carcinogenicity No specific test data are available.

Target organ for carcinogenicity No specific target organs known.

IARC carcinogenicity

No other information known.

NTP carcinogenicity

No other information known.

Reproductive toxicity

Summary No other information known.

Reproductive toxicity - fertility No specific test data are available.

Reproductive toxicity -

No other information known.

development

Specific target organ toxicity - single exposure

Summary No other information known.

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



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 organs No specific target organs known.

Specific target organ toxicity - repeated exposure

Summary No other information known.

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

Target organs No specific target organs known.

Aspiration hazard

Summary No other information known.

Aspiration hazard No other information known.

Toxicokinetics No other information known.

General information No other information known.

Inhalation Irritating to respiratory system.

Ingestion May cause discomfort if swallowed.

Skin contact Liquid may irritate skin.

Eye contact Risk of serious damage to eyes.

Acute and chronic health hazards No other information known.

Route of exposure No other information known.

Target organs No specific target organs known.

Medical symptoms No other information known.

Medical considerations No other information known.

11.2 Information on other hazards

Information on other hazards No available information.

SECTION 12: Ecological information

Ecotoxicity Not regarded as dangerous for the environment.

12.1. Toxicity

Toxicity Avoid discharge into drains or watercourses or onto the ground.

Acute aquatic toxicity

Summary No other information known.

Acute toxicity - fish No specific test data are available.

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.

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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 No other information known.

Phototransformation No specific test data are available.

Stability (hydrolysis) No specific test data are available.

Biodegradation No specific test data are available.

Biological oxygen demand No specific test data are available.

Chemical oxygen demand No specific test data are available.

12.3. Bioaccumulative potential

Bioaccumulative potential No specific test data are available.

Partition coefficient No specific test data are available.

12.4. Mobility in soil

Mobility The product is soluble in water.

Adsorption/desorption coefficient No specific test data are available.

Henry's law constant No specific test data are available.

Surface tension No specific test data are available.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB

assessment

No other information known.

12.6 Endocrine disrupting

properties

Endocrine disrupting properties

12.6. Other adverse effects

Other adverse effects No other information known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods



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

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

waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Disposal methodsDisposal of this product, process solutions, residues and by-products should at all times comply with the

requirements of environmental protection and waste disposal legislation and any local authority

requirements.

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).

Not classified.

Road transport notes Not classified.

Rail transport notes Not classified.

Sea transport notes Not classified.

Air transport notes
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.

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 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. Environment and urban ministry, mplementing Regulation on the Classification, Labeling and

Packaging of Substances and Mixtures, No. 28848, dated December 11, 2013

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

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

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

Source: European Chemicals Agency, http://echa.europa.eu/

Guidance Workplace Exposure Limits EH40.

CHIP for everyone HSG228.

Safety Data Sheets for Substances and Preparations.

Approved Classification and Labelling Guide (Sixth edition) L131.

15.2. Chemical safety assessment

SECTION 16: Other information

Abbreviations and acronyms used E.U.: European union

in the safety data sheet

E.U.: European union DMSO: Dimethyl sulfoxide

KKE: Porconal protective age

KKE: Personal protective aquipment UZEM: National Poison Information Center

TWA: Workplace exposure limits
T.C.: Republic of Turkey
DNEL: Derived No Effect Level.
CAS: Chemical Abstracts Service.

Classification abbreviations and

acronyms

Acute Tox. = Acute toxicity
Flam. Liq. = Flammable liquid
Asp. Tox. = Aspiration hazard

Skin Corr. = Skin corrosion
Skin Irrit. = Skin irritation
Eye Irrit. = Eye irritation
Met. Corr. = Corrosive to metals

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

General information

Only trained personnel should use this material. 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

Eye Irrit. 2 - H319, Skin Irrit. 2 - H315: Calculation method., Supplier information Not classified for physical

hazards., Not classified for environmental hazards.: Calculation method., Supplier information

Training advice Untrained personnel should not use.

Revision comments Revised classification.



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

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SDS number 10214

Hazard statements in full H315 Causes skin irritation.

H318 Causes serious eye damage. H319 Causes serious eye irritation. H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.

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.