

# SAFETY DATA SHEET MAXIMOTO 10W-40

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

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

1.1. Product identifier

Product name MAXIMOTO 10W-40

Product number 11183

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

Identified uses Engine oil.

Uses advised against 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. This product is designed only to suit automotive applications and no provision is made for the requirements of aviation

applications.

## 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 Emergency Medical Services: 112 National Poison Consultance Center: 114

number

## 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

**Environmental** The product is not expected to be hazardous to the environment.

**Physicochemical** This product is not flammable.

2.2. Label elements

Hazard statements NC Not Classified

## **MAXIMOTO 10W-40**

**Precautionary statements** P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

P264 Wash contaminated skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product.

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

P401 Store in accordance with national regulations.

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

#### 2.3. Other hazards

# SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

#### Distillates (petroleum) hydrotreated heavy parafinic

60-80%

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

2119484627-25-0014

#### Classification

Not Classified

## Distillates (petroleum), hydrotreated heavy paraffinic baseoil

10-20%

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

2119484627-25-0065

#### Classification

Asp. Tox. 1 - H304

Mineral Oil 1-5%

CAS number: 64742-55-8

# Classification

Not Classified

# Damıtıklar (petrol), hidrojenle muamele edilmiş ağır parafinik

1-5%

#### Classification

Not Classified

## Damıtıklar (petrol) solvent cilası alınmış ağır parafinik

1-5%

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

## Classification

Not Classified

## zinc O,O,O',O'-tetrakis(1,3-dimethylbutyl)

<1%

bis(phosphorodithioate)
CAS number: 2215-35-2

EC number: 218-679-9

#### Classification

Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Chronic 2 - H411

## Long-chain olefin sulphides

<1%

CAS number: -

#### Classification

Aquatic Chronic 4 - H413

Bis(nonilfenil)amin <1%

CAS number: 36878-20-3 EC number: 253-249-4

#### Classification

Aquatic Chronic 4 - H413

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

<1%

CAS number: 4259-15-8

#### Classification

Eye Dam. 1 - H318 Aquatic Chronic 2 - H411

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 Treat symptomatically.

**Inhalation** Move affected person to fresh air and keep warm and at rest in a position comfortable for

breathing. Get medical attention. Artificial respiration and / or oxygen may be required.

**Ingestion** Rinse mouth thoroughly with water. Remove any dentures. Provide fresh air, warmth and rest,

preferably in comfortable upright sitting position. If the material is swallowed and the victim is conscious, give low amounts of water to drink. Stop if the affected person feels sick as vomiting may be dangerous. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if symptoms are severe or persist. Never give anything by mouth to an unconscious person. If the victim is unconscious, place them in the recovery position and seek immediate medical attention. Maintain an open airway. Loosen

tight clothing such as collar, tie or belt.

#### **MAXIMOTO 10W-40**

Skin contact In case of any discomfort, seek medical advice immediately. Take off contaminated clothing

and wash it before reuse. In case of contact, the skin should be washed with plenty of water

for at least 15 minutes.

Eye contact Immediately flush eyes with plenty of water for at least 15 minutes. Occasionally open and

close evelids during the wash process.

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

be dangerous for first aid personnel to carry out mouth-to-mouth resuscitation.

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

**General information** Treat symptomatically.

**Inhalation** No specific symptoms known.

**Ingestion** No specific symptoms known.

**Skin contact** No specific symptoms known.

Eye contact No 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 foam, carbon dioxide or dry powder.

Unsuitable extinguishing

media

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

# 5.2. Special hazards arising from the substance or mixture

**Specific hazards** The product is non-combustible. Toxic gases or vapours.

Hazardous combustion

products

A complex mixture of airborne solids, liquids and gases can be released. Smoke and irritating vapours as products of incomplete combustion. Carbon dioxide (CO2). Carbon monoxide

(CO).

## 5.3. Advice for firefighters

Protective actions during

firefighting

Avoid breathing fire gases or vapours.

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 Wear protective clothing as shown in section 8 of this safety data sheet. Proper ventilation

should be provided.

#### 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

Small spill: Stop leak if without risk. Move containers from spill area. Absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. Large spill: Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water sources, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may be pose the same hazard as the spilled product.

#### 6.4. Reference to other sections

Reference to other sections

For waste disposal, see Section 13. For personal protection, see Section 8. 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.

Advice on general occupational hygiene

Good personal hygiene procedures should be implemented. Wash promptly if skin becomes contaminated. Take off immediately all contaminated clothing and wash it before reuse. Remove contaminated clothing and protective equipment before entering eating areas.

## 7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in accordance with local regulations. Keep only in the original container in a cool, well-

ventilated place. Protect from freezing and direct sunlight. Store away from incompatible

materials (see Section 10).

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

No other information known.

# Distillates (petroleum) hydrotreated heavy parafinic

TWA: 5 mg/m3 (Belgium)

# Distillates (petroleum), hydrotreated heavy paraffinic baseoil

There is no available data.

#### Mineral Oil

Mineral oil - Inhalable fraction: TWA:5 mg/m3,US. ACGIH Threshold Limit Values (03 2014)

## Damıtıklar (petrol), hidrojenle muamele edilmiş ağır parafinik

TLV/TWA

**EU OEL** 

5 mg/m3

8 hours

#### Damıtıklar (petrol) solvent cilası alınmış ağır parafinik

TWA: Workplace exposure limits

5 mg/m3 8 hours

STEL: Short term exposure limit

10 mg/m3 15 minutes.

Ingredient comments

No information available.

Biological limit values

No information available.

No information available.

DMEL

No information available.

No information available.

## Distillates (petroleum), hydrotreated heavy paraffinic baseoil (CAS: 64742-54-7)

Ingredient comments There is no available data.

Biological limit values There is no available data.

**DNEL** Workers - Inhalation; Long term systemic effects: 2,7 (8h) mg/m³

Workers - Inhalation; Long term local effects: 5,4 (8h) mg/m³ Consumer - Inhalation; Long term local effects: 1,2 (24h) mg/m³ Consumer - Oral; Long term systemic effects: 0,74 (24h) mg/kg/day Workers - Dermal; Long term systemic effects: 1,0 (8h) mg/kg

DMEL No information available.

PNEC No information available.

#### 8.2. Exposure controls

#### Protective equipment







Appropriate engineering controls

When determining engineering controls and when choosing personal protection equipment, consider the possible risks of this substance (see Section 2), appropriate exposure limits, business activities and other substances in the workplace. If engineering controls and work practices are not sufficient to prevent exposure to harmful levels of this substance, the use of personal protective equipment as described in this section is recommended. Provide adequate ventilation.

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

with PPE suppliers.

**Eye/face protection** Normally, eye protection equipment is not required. Wear side goggles for safe operation

when a risk of splashing is possible. If this material is heated, use chemical goggles, protective

goggles or face shield.( EN 166)

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

Avoid contact with skin. Personal protective equipment for the body should be selected based on the task being performed and the risk involved and should be approved by a specialist

before handling this product.

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

and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin.

**Respiratory protection**Use appropriate respiratory protection if there is the potential to exceed the exposure limits.

Select respirator based on suitability to provide adequate worker protection for given working conditions and level of airborne contaminant. Seek professional advice prior to respirator

selection and use.

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

for use with high temperatures. If there is a risk of contact with refrigerated product, all

protective equipment should be suitable for use with low temperatures.

**Environmental exposure** 

controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. 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 Brownish.

Odour Characteristic.

Odour threshold Inconclusive data.

**pH** Inconclusive data.

Melting point No specific test data are available.

**Initial boiling point and range** No specific test data are available.

Flash point >200°C Open cup.

**Evaporation rate** No specific test data are available.

**Evaporation factor** No specific test data are available.

Flammability (solid, gas) No specific test data are available.

Upper/lower flammability or

explosive limits

No specific test data are available.

Other flammability No specific test data are available.

Vapour pressure No specific test data are available.

**Vapour density** No specific test data are available.

**Relative density** No specific test data are available.

**Bulk density** ~ 0.87 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.

#### **MAXIMOTO 10W-40**

**Viscosity** 12,5-16,3 cSt @ 100°C

**Explosive properties** No specific test data are available.

Explosive under the influence

of a flame

No information available.

Oxidising properties No information available.

Comments No information available.

9.2. Other information

Other information No information required.

**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.

Volatile organic compound No specific test data are available.

#### SECTION 10: Stability and reactivity

## 10.1. Reactivity

Reactivity No test data specifically related to reactivity available for this product or its ingredients.

10.2. Chemical stability

Stability This material is considered stable under normal environmental conditions and in the

conditions of storage and handling foreseen.

# 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 acids. Strong alkalis.

10.6. Hazardous decomposition products

Hazardous decomposition

No known hazardous decomposition products.

products

# SECTION 11: Toxicological information

# 11.1. Information on toxicological effects

**Toxicological effects** Information given is based on data of the components and of similar products.

Other health effects No relevant information available.

Acute toxicity - oral

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

#### **MAXIMOTO 10W-40**

Notes (oral LD<sub>50</sub>) 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.

Notes (inhalation LC<sub>50</sub>)

Based on available data the classification criteria are not met.

Skin corrosion/irritation

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

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

Animal data No information available.

Human skin model test No information available.

Extreme pH No information available.

Serious eye damage/irritation

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

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

Respiratory sensitisation

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

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

Skin sensitisation

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

Germ cell mutagenicity

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

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

Carcinogenicity

Summary Not known.

**Carcinogenicity** No specific test data are available.

Target organ for

carcinogenicity

No specific target organs known.

IARC carcinogenicity Not known.

NTP carcinogenicity Not known.

Reproductive toxicity

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

**Reproductive toxicity - fertility** No specific test data are available.

**Reproductive toxicity -** No information is required.

development

Specific target organ toxicity - single exposure

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

#### **MAXIMOTO 10W-40**

STOT - single exposure

No specific test data are available.

Target organs

No specific target organs known.

Specific target organ toxicity - repeated exposure

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

**STOT - repeated exposure** No specific test data are available.

Target organs No specific target organs known.

Aspiration hazard

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

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

**Toxicokinetics** No information is required.

General information Information given is based on data of the components and of similar products.

InhalationBased on available data the classification criteria are not met.IngestionBased on available data the classification criteria are not met.Skin contactSkin irritation should not occur when used as recommended.

Eye contact No specific health hazards known.

Acute and chronic health

hazards

Based on available data the classification criteria are not met.

Route of exposure No other information known.

**Target organs** No specific target organs known.

**Medical symptoms** No specific tes data are available.

**Medical considerations** No specific tes data are available.

#### Toxicological information on ingredients.

## Distillates (petroleum) hydrotreated heavy parafinic

Carcinogenicity

Summary 94/69 / EC (21st ATP - DSD), Nota L, reference IP 346/92: According to the "DMSO

Extraction Method" Directive, the base oils used in this preparation are non-

carcinogenic.

#### Distillates (petroleum), hydrotreated heavy paraffinic baseoil

**Toxicological effects** Information given is based on data of the components and of similar products.

Other health effects No information required.

Acute toxicity - oral

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

Notes (oral LD<sub>50</sub>) LD<sub>50</sub> >5000 (OECD 401)/API 1982a mg/kg, Oral, Rat

Acute toxicity - dermal

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

Notes (dermal LD₅o) LD₅o >5000 (OECD 402)/API 1982a mg/kg, Dermal, Rabbit

Acute toxicity - inhalation

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

Notes (inhalation LC<sub>50</sub>) LC50, 4h 5,53 (OECD 403)/Exxon Biomedical Sciences, Inc.(1988a) mg/l,

Inhalation, Rat

Skin corrosion/irritation

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

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

Serious eye damage/irritation

Based on available data the classification criteria are not met.

Respiratory sensitisation

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

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

Skin sensitisation

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

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

Germ cell mutagenicity

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

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

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

Carcinogenicity

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

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

Target organ for carcinogenicity

No specific target organs known.

IARC carcinogenicity Not listed.

NTP carcinogenicity Not listed.

Reproductive toxicity

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

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.

## **MAXIMOTO 10W-40**

Specific target organ toxicity - single exposure

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

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

STOT - repeated exposure Based 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** May be fatal if swallowed and enters airways.

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**Toxicokinetics** No information required.

**General information** No information required.

**Inhalation** No information required.

**Ingestion** No information required.

**Skin contact** No information required.

**Eye contact** No information required.

Acute and chronic health

hazards

No information required.

Route of exposure No information required.

**Target organs** No specific target organs known.

**Medical symptoms** No information required.

**Medical considerations** No information required.

Mineral Oil

Carcinogenicity

**Summary** The base oils in the product content contain less than 3% DMSO according to IP

346.

Specific target organ toxicity - single exposure

irritation of mucous membranes and the upper respiratory tract. (Supplier

information)

Aspiration hazard

Aspiration hazard Material can be aspirated into the lungs during the act of swallowing or vomiting.

This could result in severe injury to the lungs and death. (Supplier information)

Damıtıklar (petrol), hidrojenle muamele edilmiş ağır parafinik

Acute toxicity - oral

## **MAXIMOTO 10W-40**

Notes (oral LD50) LD50 >5000 mg/kg, Oral, Rat LOAEL, Sub-kronik 125 mg/kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD<sub>50</sub>) LD<sub>50</sub> >5000 mg/kg, Dermal, Rabbit NOAEL, Sub-kronik 30 mg/kg, Dermal, Rat,

Female NOAEL, Sub-akut 1000 mg/kg, Dermal, Rabbit

Acute toxicity - inhalation

Notes (inhalation LC<sub>50</sub>) LC50 >5,53 mg/l, 4 hour, Vapour Rat NOAEL, Sub-kronik 0,22 mg/l, 4 week,

Dust/Mist Rat NOAEL, Sub-kronik 0,15 mg/l, 13 week, Dust/Mist Rat

Skin corrosion/irritation

**Skin corrosion/irritation** Not irritating.

Serious eye damage/irritation

Serious eye

Not irritating.

damage/irritation
Skin sensitisation

Skin sensitisation Not sensitising.

Germ cell mutagenicity

**Genotoxicity - in vitro**Bacterial reverse mutation test: Negative. Chromosome aberration: Negative.

Carcinogenicity

Carcinogenicity 78 week, Negative., Dermal, Mouse

Reproductive toxicity

Reproductive toxicity -

fertility

Fertility - Negative., Oral, Rat

Reproductive toxicity -

development

Teratogenicity: -: Negative., Dermal, Rat Maternal toxicity: - Negative.: , Oral, Rat

Developmental toxicity: - Negative.: , Oral, Rat

Damıtıklar (petrol) solvent cilası alınmış ağır parafinik

Acute toxicity - oral

Notes (oral LD<sub>50</sub>) LD<sub>50</sub> >5000 mg/kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD₅o) LD₅o >5000 mg/kg, Dermal, Rabbit NOAEL, Sub-akut 1000 mg/kg, Dermal, Rabbit

Acute toxicity - inhalation

Notes (inhalation LC<sub>50</sub>) LC50 >5,53 mg/l, 4 hour, Vapour Rat NOAEL, Sub-kronik 0,15 mg/l, 13 week,

Vapour Rat

Skin corrosion/irritation

**Skin corrosion/irritation** Not irritating.

Serious eye damage/irritation

Serious eye Not irritating.

damage/irritation

Respiratory sensitisation

Respiratory sensitisation Not sensitising.

Germ cell mutagenicity

#### **MAXIMOTO 10W-40**

Genotoxicity - in vitro Bacterial reverse mutation test: Negative. Chromosome aberration, memeliler-

hayvan: Negative.

Carcinogenicity

fertility

Carcinogenicity NOAEL 78 weeks., Dermal, Negative., Mouse

Reproductive toxicity

Reproductive toxicity -

Fertility - Negative., Oral, Rat

Reproductive toxicity -

development

Maternal toxicity: - Negative.: , Oral, Rat Developmental toxicity: - Negative.: ,

Dermal, Rat Teratogenicity: -: Negative., Dermal, Rat

Aspiration hazard

Aspiration hazard Aspiration Hazard

zinc O,O,O',O'-tetrakis(1,3-dimethylbutyl) bis(phosphorodithioate)

Acute toxicity - oral

Notes (oral LD₅₀) LD<sub>50</sub> 2000-5000 mg/kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ >3160 mg/kg, Dermal, Rabbit

Acute toxicity - inhalation

Notes (inhalation LC50) LC50 > 2 mg/l, Inhalation, Rat

Skin corrosion/irritation

Rabbit Skin - Irritant Not H315 at <15%. On basis of test data. Summary

Serious eye damage/irritation

Summary Rabbit Eyes - Visible necrosis Not H319 at <15%. On basis of test data.

Not H318 at <20%. On basis of test data.

Skin sensitisation

Skin sensitisation Not sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro Bacterial reverse mutation test: Negative. Genome mutation: Negative.

Reproductive toxicity

Reproductive toxicity -

fertility

- Sub-akut, NOAEL 160 mg/kg, , Rat

Reproductive toxicity -

development

- Sub-akut, NOAEL: 160 mg/kg, , Rat

Long-chain olefin sulphides

Acute toxicity - oral

Notes (oral LD₅₀) LD<sub>50</sub> >2000 mg/kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD₅₀) LD<sub>50</sub> >2000 mg/kg, Dermal, Rat

Skin corrosion/irritation

#### **MAXIMOTO 10W-40**

**Summary** Rabbit May be slightly irritating to skin and eyes.

Skin sensitisation

**Summary** Not a skin sensitiser.

Germ cell mutagenicity

**Genotoxicity - in vitro**Bacterial reverse mutation test: Negative. Genome mutation: Negative.

Chromosome aberration: Negative.

Reproductive toxicity

Reproductive toxicity -

fertility

- Sub-akut, NOAEL 1000 mg/kg, , Rat

Reproductive toxicity -

development

- Sub-akut, NOAEL: 1000 mg/kg, , Rat

Bis(nonilfenil)amin

Acute toxicity - oral

Notes (oral LD₅o) LD₅o >5000 mg/kg, Oral, Rat LOAEL, Sub-kronik 100 mg/kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD<sub>50</sub>) LD<sub>50</sub> >2000 mg/kg, Dermal, Rat

Skin corrosion/irritation

**Skin corrosion/irritation** Moderately irritating.

Skin sensitisation

Skin sensitisation Not sensitising.

Germ cell mutagenicity

**Genotoxicity - in vitro**Bacterial reverse mutation test: Negative. Chromosome aberration: Negative.

Rodent Dominant Lethal Test: Negative.

Reproductive toxicity

Reproductive toxicity - development

Teratogenicity: -: Negative., Oral, Rat

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

Acute toxicity - oral

Notes (oral LD₅o 3100 mg/kg, Oral, Rat NOAEL, Sub-akut 125 mg/kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD₅o) LD₅o >5000 mg/kg, Dermal, Rabbit

Skin corrosion/irritation

Skin corrosion/irritation Not corrosive to skin. Rabbit

Serious eye damage/irritation

**Serious eye** Causes serious eye damage.

damage/irritation
Skin sensitisation

Skin sensitisation Not sensitising.

#### **MAXIMOTO 10W-40**

Germ cell mutagenicity

**Genotoxicity - in vitro** memeliler-hayvan: Positive. Bacterial reverse mutation test: Negative.

**Genotoxicity - in vivo** Micronucleus Test, memeliler-hayvan: Negative.

Reproductive toxicity

Reproductive toxicity -

fertility

Fertility - Negative.,,

Reproductive toxicity -

development

Developmental toxicity: -: Negative., , Maternal toxicity: -: Negative., ,

# **SECTION 12: Ecological information**

**Ecotoxicity** Based on available data the classification criteria are not met.

Ecological information on ingredients.

Distillates (petroleum), hydrotreated heavy paraffinic baseoil

**Ecotoxicity** Based on available data the classification criteria are not met.

12.1. Toxicity

**Toxicity** Based on available data the classification criteria are not met.

Acute aquatic toxicity

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

Acute toxicity - fish Based on available data the classification criteria are not met.

Acute toxicity - aquatic

invertebrates

Based on available data the classification criteria are not met.

**Acute toxicity - aquatic plants** Based on available data the classification criteria are not met.

Acute toxicity - microorganisms

Based on available data the classification criteria are not met.

J

Acute toxicity - terrestrial Based on available data the classification criteria are not met.

Chronic aquatic toxicity

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

Chronic toxicity - fish early life

stage

No information required.

Short term toxicity - embryo

and sac fry stages

No information required.

Chronic toxicity - aquatic

invertebrates

Based on available data the classification criteria are not met.

Toxicity to soil

There is not enough data.

Toxicity to terrestrial plants

There is not enough data.

Ecological information on ingredients.

Distillates (petroleum) hydrotreated heavy parafinic

**Toxicity** This substance is not expected to be harmful to aquatic organisms. The product has

not been tested. The expression is derived from the properties of each component.

#### **MAXIMOTO 10W-40**

## Distillates (petroleum), hydrotreated heavy paraffinic baseoil

**Toxicity** Based on available data the classification criteria are not met.

Acute aquatic toxicity

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

Acute toxicity - fish LL<sub>50</sub>, : >100 mg/l, Fish

LL<sub>50</sub>, 96 (OECD 203) hours: >100 mg/l, Pimephales promelas (Fat-head Minnow)

Acute toxicity - aquatic

invertebrates

LL<sub>50</sub>, 24 (OECD 202) hours: >10000 mg/l, Gammarus pulex EL50, 24 (OECD 202) hours: >10000 mg/l, Daphnia magna

Acute toxicity - aquatic

plants

No information required.

Acute toxicity microorganisms LL<sub>50</sub>, : >100 mg/l, Micro-organisms

Acute toxicity - terrestrial No information required.

Chronic aquatic toxicity

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

Chronic toxicity - fish early No information required.

life stage

Short term toxicity -

embryo and sac fry stages

No information required.

Chronic toxicity - aquatic

invertebrates

No information required.

Toxicity to soil No information required.

Toxicity to terrestrial plants No information required.

#### Damıtıklar (petrol), hidrojenle muamele edilmiş ağır parafinik

Acute aquatic toxicity

Acute toxicity - fish LL<sub>50</sub>, 96 hour: >100 mg/l, Pimephales promelas (Fat-head Minnow)

NOEL, chronic, 14 day: 1000 mg/l, Oncorhynchus mykiss (Rainbow trout)

Acute toxicity - aquatic

invertebrates

EL50, 48 hour: >10000 mg/l, Daphnia magna

Chronic aquatic toxicity

Chronic toxicity - aquatic

NOEL, 21 day: 10 mg/l, Daphnia magna

invertebrates

NOEL, 72 hour: >=100 mg/l, Pseudokirchneriella subcapitata

# Damıtıklar (petrol) solvent cilası alınmış ağır parafinik

Acute aquatic toxicity

Acute toxicity - fish LL<sub>50</sub>, 96 hour: >100 mg/l, Pimephales promelas (Fat-head Minnow)

NOEL, chronic, 14 day: 1000 mg/l, Oncorhynchus mykiss (Rainbow trout)

Acute toxicity - aquatic

invertebrates

EL50, 48 hour: >10000 mg/l, Daphnia magna

Chronic aquatic toxicity

#### **MAXIMOTO 10W-40**

Chronic toxicity - aquatic NOEL, 21 day: 10 mg/l, Daphnia magna

invertebrates NOEL, 72 hour: >=100 mg/l, Pseudokirchneriella subcapitata

zinc O,O,O',O'-tetrakis(1,3-dimethylbutyl) bis(phosphorodithioate)

Acute aquatic toxicity

Acute toxicity - fish LL<sub>50</sub>, 96 hour: 4.5 mg/l, Oncorhynchus mykiss (Rainbow trout)

Acute toxicity - aquatic

invertebrates

EL50, 48 hour: 23 mg/l, Daphnia magna

Acute toxicity - aquatic

plants

EL50, 72 hour: 24 mg/l, Desmodesmus subspicatus

Acute toxicity -

microorganisms

EL50, 3 hour: >10000 mg/l, Micro-organisms

Chronic aquatic toxicity

Chronic toxicity - aquatic

invertebrates

NOEL, 21 day: 0.4 mg/l, Daphnia magna

NOEL, 72 hour: 10 mg/l, Alg

Long-chain olefin sulphides

Acute aquatic toxicity

Acute toxicity - fish LL<sub>50</sub>, 96 hour: >100 mg/l, Oncorhynchus mykiss (Rainbow trout)

Acute toxicity - aquatic

invertebrates

EL50, 48 hour: >100 mg/l, Daphnia magna

Acute toxicity - aquatic

plants

EL50, 72 hour: >100 mg/l, Pseudokirchneriella subcapitata

**Chronic aquatic toxicity** 

Chronic toxicity - aquatic

invertebrates

chronic, NOEL, 72 hour: 100 mg/l, Alg

Bis(nonilfenil)amin

Acute aquatic toxicity

Acute toxicity - fish LL<sub>50</sub>, 96 hour: >100 mg/l, Danio rerio (Zebrafish)

Acute toxicity - aquatic

invertebrates

EL50, 48 hour: >100 mg/l, Daphnia magna

Acute toxicity - aquatic

plants

EL50, 72 hour: >100 mg/l, Desmodesmus subspicatus

Acute toxicity -

microorganisms

IC<sub>50</sub>, 3 hour: >100 mg/l, Micro-organisms

Chronic aquatic toxicity

Chronic toxicity - aquatic

invertebrates

NOEL, 72 hour: >10 mg/l, Alg

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

Acute aquatic toxicity

Acute toxicity - fish LL<sub>50</sub>, 96 hour: 4,4 mg/l, Oncorhynchus mykiss (Rainbow trout)

#### **MAXIMOTO 10W-40**

Acute toxicity - aquatic

EL50, 48 hour: 75 mg/l, Daphnia magna

invertebrates

NOEC, 21 day: 0,4 mg/l, Daphnia magna

Acute toxicity - aquatic

plants

NOEL, chronic, 72 hour: 220 mg/l, Scenedesmus subspicatus

EL50, 72 hour: 410 mg/l, Desmodesmus subspicatus

Acute toxicity microorganisms EL50, 16 hour: 380 mg/l, Micro-organisms

## 12.2. Persistence and degradability

Persistence and degradability There are no data on the degradability of this product.

**Phototransformation** No specific test data are available.

No specific test data are available. Stability (hydrolysis)

**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.

#### Ecological information on ingredients.

#### Distillates (petroleum) hydrotreated heavy parafinic

Persistence and degradability

This material is not expected to be readily biodegradable. The product has not been

tested. The expression is derived from the properties of each component.

#### Distillates (petroleum), hydrotreated heavy paraffinic baseoil

Persistence and degradability

OECD 301B:2-4 %,28 d;OECD 301F:31 %,28 d

**Phototransformation** 

Inconclusive data.

Stability (hydrolysis)

Inconclusive data.

Biodegradation

Inconclusive data.

Biological oxygen demand Inconclusive data.

Chemical oxygen demand Inconclusive data.

#### Damıtıklar (petrol), hidrojenle muamele edilmiş ağır parafinik

Biodegradation OECD 301 F - 31 %: 28 day

Damıtıklar (petrol) solvent cilası alınmış ağır parafinik

Biodegradation OECD 301 F - 31 %: 28 day

zinc O,O,O',O'-tetrakis(1,3-dimethylbutyl) bis(phosphorodithioate)

Biodegradation - 1.5: % 28 day

**OECD 301 B** 

## Long-chain olefin sulphides

Biodegradation - 45: % 28 day

#### **MAXIMOTO 10W-40**

#### Bis(nonilfenil)amin

Biodegradation OECD 301 B - 1: % 28 day

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

Biodegradation OECD 301 D - <5%: The other substances in the product are not expected to be

readily biodegradable. 27 day

12.3. Bioaccumulative potential

Bioaccumulative potential The product is not bioaccumulating.

Partition coefficient No specific test data are available.

Ecological information on ingredients.

Distillates (petroleum), hydrotreated heavy paraffinic baseoil

Bioaccumulative potential 
Inconclusive data.

Partition coefficient Inconclusive data.

zinc O,O,O',O'-tetrakis(1,3-dimethylbutyl) bis(phosphorodithioate)

Bioaccumulative potential log Pow: 3.59,

Bis(nonilfenil)amin

Bioaccumulative potential log Pow: 3,64-7,02, BCF: 1730,

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

Partition coefficient log Pow: 3,59

12.4. Mobility in soil

**Mobility** The product is immiscible with water and will spread on the water surface.

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.

Ecological information on ingredients.

Distillates (petroleum), hydrotreated heavy paraffinic baseoil

Mobility No data available.

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

Not applicable.

assessment

#### **MAXIMOTO 10W-40**

#### Ecological information on ingredients.

#### Distillates (petroleum) hydrotreated heavy parafinic

Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

Distillates (petroleum), hydrotreated heavy paraffinic baseoil

Results of PBT and vPvB assessment

Not relevant.

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

Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects No other information known.

Ecological information on ingredients.

Distillates (petroleum), hydrotreated heavy paraffinic baseoil

Other adverse effects This product contains components that have a harmful effect on the aquatic

environment.Do not allow to enter into soil, rivers or sewers.

#### **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

**General information** The generation of waste should be minimised or avoided wherever possible. Waste, residues,

empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

**Disposal methods** Avoid the spillage or runoff entering drains, sewers or watercourses. Disposal 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. Reuse or recycle products wherever possible. Dispose of contents/container in accordance with national regulations. When handling waste, the safety precautions applying

to handling of the product should be considered.

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).

Road transport notes

Rail transport notes

Not classified.

Sea transport notes

Not classified.

Air transport notes

Not classified.

14.1. UN number

Not applicable.

#### **MAXIMOTO 10W-40**

#### 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.

#### 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

**Transport in bulk according to** Not applicable.

Annex II of MARPOL 73/78

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

453/2010

**EU legislation** Dangerous Preparations Directive 1999/45/EC.

Dangerous Substances Directive 67/548/EEC.

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

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

Safety Data Sheets for Substances and Preparations.

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

#### **MAXIMOTO 10W-40**

Abbreviations and acronyms used in the safety data sheet

E.U.: European union DMSO: Dimethyl sulfoxide

KKE: Personal protective aguipment

T.C.: Republic of Turkey

TWA: Workplace exposure limits

UZEM: National Poison Information Center

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

IATA: International Air Transport Association.

PBT: Persistent, Bioaccumulative and Toxic substance.

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation

(EC) No 1907/2006.

RID: European Agreement concerning the International Carriage of Dangerous Goods by

Rail.

vPvB: Very Persistent and Very Bioaccumulative.

MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as

modified by the Protocol of 1978.

NOEC: No Observed Effect Concentration. EC₅o: 50% of maximal Effective Concentration.

Classification abbreviations and acronyms

Asp. Tox. = Aspiration hazard Eye Irrit. = Eye irritation

Aquatic Chronic = Hazardous to the aquatic environment (chronic)

Acute Tox. = Acute toxicity

STOT RE = Specific target organ toxicity-repeated exposure Aquatic Acute = Hazardous to the aquatic environment (acute)

**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 suppliers.

Classification procedures according to Regulation (EC) 1272/2008

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

**Training advice** Untrained personnel should not use.

**Revision comments** Revised classification.

**Issued by** Sevda ŞAHAN Certified Safety Data Sheet Preparer (Certificate Id:GBF01.23.08;Dates:

03.11.2018-03.11.2021)

Revision date 09/08/2021

Revision 2

Supersedes date 17/06/2011

SDS number 10065

**Hazard statements in full** H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H411 Toxic to aquatic life with long lasting effects.

H413 May cause long lasting harmful effects to aquatic life.

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.