

# SAFETY DATA SHEET MAXIGEAR EP-X 80W-90

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 MAXIGEAR EP-X 80W-90

Product number 14405

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

Identified uses Automotive Gear Oil

Uses advised against

This product must not be used outside of the practices recommended in Section 1 without prior advice

from the supplier.

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

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Manufacturer 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

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 Not Classified

Environmental hazards Aquatic Chronic 3 - H412

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

2.2. Label elements

**Hazard statements** H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements** P273 Avoid release to the environment.

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

2.3. Other hazards

This substance is not classified as PBT or vPvB according to current EU criteria.



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 3: Composition/information on ingredients

#### 3.2. Mixtures

Distillates (petroleum), hydrotreated heavy paraffinic 10-20%

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

2119484627-25-0033

Classification
Not Classified

#### C16-18-(even numbered, saturated and unsaturated)- alkylamines

<1%

CAS number: — EC number: 627-034-4

M factor (Acute) = 10 M factor (Chronic) = 10

#### Classification

Acute Tox. 4 - H302 Skin Corr. 1B - H314 Eye Dam. 1 - H318 STOT SE 3 - H335 STOT RE 2 - H373 Asp. Tox. 1 - H304 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 If REACH registration numbers do not appear the substance is either exempt from registration, does not

meet the minimum

volume threshold for registration, the registration date has not yet come due or this information is

proprietary.

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

General information Personal protective equipment should be used to minimize first-aid treatment. If symptoms persist, they

require medical intervention.

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

wide apart. Continue to rinse for at least 15 minutes and get medical attention.

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



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

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

InhalationNo specific symptoms known.IngestionNo specific symptoms known.

**Skin contact** May cause an allergic skin reaction.

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, dry powder or water fog.

Unsuitable extinguishing media Using a water jet can be inconvenient.

## 5.2. Special hazards arising from the substance or mixture

Specific hazards Not known.

Hazardous combustion products Carbon dioxide (CO2). Carbon monoxide (CO). Oxides of nitrogen. Sulphur oxides. Oxides of sulphur. A

complex mixture of airborne solids, liquids and gases can be released. Unidentified organic or inorganic

compounds.

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. 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.

#### 6.2. Environmental precautions

**Environmental precautions** Avoid discharge into drains or watercourses or onto the ground.

#### 6.3. Methods and material for containment and cleaning up



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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.

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. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible.

6.4. Reference to other sections

Reference to other sections 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. For waste disposal, see Section 13.

#### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions** Avoid spilling. Avoid contact with skin and eyes. Provide adequate ventilation.

Advice on general occupational

hygiene

Do not eat, drink or smoke when using 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

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

Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children.

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

There is no available data.

## 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.

Ingredient comments There is no available data.

Biological limit values There is no available data.

**DNEL** Long chain alkyl amine:

Consumer - Oral; : 0,35 mg/kg, bw/day

Long chain alkenyl amine:

Workers - Dermal; : 0,09 mg/kg, bw/day Consumer - Oral; : 0,04 mg/kg, bw/day

DMEL There is no available data.

PNEC There is no available data.

Highly refined mineral oil (CAS: 64742-01-4)

Ingredient comments Oil Mist TWA: 5 mg /m3 (ACGIH).



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

Alkyl dithio thiadiazole (CAS: 89347-09-1)

PNEC Water; 0,041 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 Keep away from foodstuffs, beverages and foods. Instantly remove any soiled and impregnated

garments. Wash hands during breaks and at the end of the work. Store protective clothing separately. Personal protective equipment (PPE) should meet recommended national standards. Check with PPE

suppliers.

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. Wear protective gloves made of the following material:

Polyvinyl chloride (PVC). Nitrile rubber. Butyl rubber.

Other skin and body protection Wear appropriate clothing to prevent any possibility of skin contact. Wear rubber footwear. Wear apron or

protective clothing in case of 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. Wash contaminated clothing before reuse. When using do not eat, drink or smoke.

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

occurs.

high temperatures.

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 Brown.

**Odour** Characteristic.

Odour threshold No information available.

**pH** Scientifically unjustified.

Melting point No information available.

Initial boiling point and range No information available.



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

Flash point 224°C OC (Open cup).

**Evaporation rate** No information available.

**Evaporation factor** No information available.

Flammability (solid, gas) No information available.

Upper/lower flammability or

explosive limits

No information available.

Other flammability No information available.

Vapour pressure No information available.

Vapour density No information available.

0,900 g/ml @ 15°C Relative density

**Bulk density** No information available.

Solubility(ies) Insoluble in water.

Partition coefficient No information available.

Auto-ignition temperature No information available.

**Decomposition Temperature** No information available.

Viscosity 14-18 cSt @ 100°C

**Explosive properties** Not considered to be explosive.

Explosive under the influence of a No suitable data is available.

flame

Oxidising properties No data available.

Information declared as "Not available" or "Not applicable" is not considered to be relevant to the Comments

implementation of the proper control measures.

Particle characteristic

9.2. Other information

Other information No information required.

Refractive index No information available.

Particle size No information available.

Molecular weight No information available.

Volatility No information available.

Saturation concentration No information available.

Critical temperature No information available.

Volatile organic compound No information available.

## SECTION 10: Stability and reactivity

## 10.1. Reactivity

This product is stable under normal conditions. Reactivity



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

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

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. High

temperature, spark and open flames. Do not expose to direct sunlight.

10.5. Incompatible materials

Materials to avoid Strong oxidising agents. Strong reducing agents. Chlorates. Nitrates. Peroxides.

10.6. Hazardous decomposition products

Hazardous decomposition Fire creates: Carbon monoxide (CO). Carbon dioxide (CO2). Oxides of nitrogen. Sulfur oxides. Phosphor

**products** oxides. Methacrylates. Oil vapors in case of overheating.

#### 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 data of the components and of similar products.

Acute toxicity - oral

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

Notes (oral LD<sub>50</sub>) Long chain alkyl amine: LD<sub>50</sub> 612 mg/kg, Oral, Rat Mineral oil: LD<sub>50</sub> >5000 mg/kg, Oral, Rat Alkyl dithio

thiadiazole: LD $_{50}$  >10000 mg/kg, Oral, Rat Long-chain alkenyl amine: LD $_{50}$  1689 mg/kg, Oral, Rat Mineral

oil: LD₅o >2000 mg/kg, Oral,

Acute toxicity - dermal

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

Notes (dermal LD<sub>50</sub>) Mineral Oil: LD<sub>50</sub> >2000 mg/kg, Dermal, Long chain alkyl amine: LD<sub>50</sub> 251 mg/kg, Dermal, Rat Alkyl dithio

thiadiazole: LD $_{50}$  >2000 mg/kg, Dermal, Rabbit Mineral Oil: LD $_{50}$  >5000 mg/kg, Dermal, Rabbit

Acute toxicity - inhalation

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

Notes (inhalation LC50) Long-chain alkyl amine: LC50 1,19 mg/l, Inhalation, Rat Mineral oil: LC50 >5000 (4 h) mg/m³, Inhalation,

Rat Alkyl dithio thiadiazole: LC50 >2,75 (4 h) mg/l, Inhalation, Rat

Skin corrosion/irritation

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

**Skin corrosion/irritation** May cause sensitation or allergic reactions.

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.



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

Serious eye damage/irritation

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

Serious eye damage/irritation Vapors may cause irritation.

Respiratory sensitisation

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

**Respiratory sensitisation**No information available.

Skin sensitisation

**Summary** Based on available data, the classification criteria are met.

**Skin sensitisation** May cause sensitisation or allergic reactions in sensitive individuals.

Germ cell mutagenicity

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

**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** The base oils in the product content contain less than 3% DMSO according to IP 346.

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

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

Reproductive toxicity -

No information is required.

development

Specific target organ toxicity - single exposure

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

STOT - single exposure The following components in this product have specific target organ toxicity: Long-chain alkenyl amine

Long-chain alkyl amine

Target organs Respiratory tract

Specific target organ toxicity - repeated exposure

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

STOT - repeated exposure The following components in this product have specific target organ toxicity. Long-chain alkenyl amine

Target organs No specific target organs known.

Aspiration hazard

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

Aspiration hazard Product includes a compound which has aspiration toxicitiy.



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

**Toxicokinetics** No information is required.

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

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. Gastrointestinal symptoms, including upset stomach.

**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.

Target organs

No 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 May be harmful to aquatic organisms. Spills form film layer on water surface and prevent oxygen transfer

12.1. Toxicity

**Toxicity** There is not enough data.

Acute aquatic toxicity

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

Acute toxicity - fish Long-chain alkenyl amine:

LC<sub>50</sub>, 96 hours: 0,11 mg/l, Fish

Acute toxicity - aquatic Long chain alkenyl amine:

invertebrates EC<sub>50</sub>, 48 hours: 0,011 mg/l, Daphnia magna

Acute toxicity - aquatic plants Long chain alkenyl amine:

EC<sub>50</sub>, 96 hours: 0,03 mg/l, Algae

Acute toxicity - microorganisms No information required.

Acute toxicity - terrestrial No information required.

Chronic aquatic toxicity

**Summary** Based on available information, 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.



## MAXIGEAR EP-X 80W-90

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

Chronic toxicity - aquatic

Toxicity to terrestrial plants

invertebrates

No information required.

There is not enough data.

**Toxicity to soil** There is not enough data.

12.2. Persistence and degradability

Persistence and degradability Based on available information, the classification criteria are not met.

PhototransformationNo information available.Stability (hydrolysis)No information available.BiodegradationNo information available.Biological oxygen demandNo information available.Chemical oxygen demandNo information available.

12.3. Bioaccumulative potential

Bioaccumulative potential Based on available data the classification criteria are not met.

Partition coefficient No information available.

12.4. Mobility in soil

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

Adsorption/desorption coefficient

No information available.

Henry's law constant

No information available.

Surface tension

No information available.

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 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. 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.



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

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

Disposal Authority. Environmental Manager must be informed of all major spillages. Avoid the spillage or

runoff entering drains, sewers or watercourses.

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 Not classified.

Rail transport notes Not classified.

Sea transport notes Not classified.

Air transport notes Not classified

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.

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

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

1907/2006.

**Guidance** Safety Data Sheets for Substances and Preparations.

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

Abbreviations and acronyms used E.U.: European union

in the safety data sheet

E.U.: European union
DMSO: Dimethyl sulfoxide
STEL: Short term exposure limit
KKE: Personal protective aquipment

T.C.: Republic of Turkey
TWA: Workplace exposure limits

UZEM: National Poison Information Center

ATE: Acute Toxicity Estimate.

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

CAS: Chemical Abstracts Service.
DNEL: Derived No Effect Level.

IATA: International Air Transport Association.

LC₅o: Lethal Concentration to 50 % of a test population.

 $LD_{50}$ : Lethal Dose to 50% of a test population (Median Lethal Dose).

PBT: Persistent, Bioaccumulative and Toxic substance.

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

1907/2006.

EC  $_{50}\!\!:\,50\%$  of maximal Effective Concentration.

Classification abbreviations and

acronyms

Skin Corr. = Skin corrosion Skin Sens. = Skin sensitisation Eye Dam. = Serious eye damage

Aquatic Chronic = Hazardous to the aquatic environment (chronic)

Acute Tox. = Acute toxicity Skin Irrit. = Skin irritation

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

Asp. Tox. = Aspiration hazard



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

#### 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

Source: European Chemicals Agency, http://echa.europa.eu/ This SDS is prepared based on the information received from raw material suppliers.

Classification procedures according to Regulation (EC) Skin Sens. 1 - H317: Calculation method., Supplier information

1272/2008

Training advice Untrained personnel should not use.

**Revision comments** Revised formulation.

Issued by Ece Korkut Safety and Data Sheet Specialist (Certificate No: GBF01.54.04 26.06.2024)

Revision date 23/01/2024

Revision

Supersedes date 17/06/2011 SDS number 10391 SDS status Approved.

Hazard statements in full H302 Harmful if swallowed.

> H304 May be fatal if swallowed and enters airways. H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage. H335 May cause respiratory irritation. H400 Very toxic to aquatic life.

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

H373 May cause damage to organs through prolonged or repeated exposure if swallowed or if inhaled.

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.