

SAFETY DATA SHEET MAXIMA CX 0W/20 PLUS

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

1.1. Product identifier

Product name MAXIMA CX 0W/20 PLUS

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

Identified uses Engine oil.

Uses advised against Use 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 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 Aquatic Chronic 3 - H412

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.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

MAXIMA CX 0W/20 PLUS

Distillates (petroleum), hydrotreated heavy paraffinic baseoil

40-60%

CAS number: 64742-54-7

EC number: 265-157-1

REACH registration number: 01-

2119484627-25-0065

Classification

Asp. Tox. 1 - H304

1-decene homopolymer hydrogenated

10-20%

CAS number: 68037-01-4

Classification

Asp. Tox. 1 - H304

Distillates (petroleum), hydrotreated heavy naphthenic

1-5%

Classification

Not Classified

Distillates (petroleum), solvent dewaxed heavy paraffinic

1-5%

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

Classification

Not Classified

Lubricating Oils, petroleum C20-C50, hydrotreated neutral

1-5%

oil-based

Classification

Asp. Tox. 1 - H304

Lubricating oils (petroleum), C15-30, based on hydrogenated

1-5%

neutral oil

CAS number: 72623-86-0 EC number: 276-737-9

Classification

Asp. Tox. 1 - H304

Phenol, dodecyl-, sulfurized, carbonates, calcium salts,

1-5%

overbased

Classification

Aquatic Chronic 4 - H413

MAXIMA CX 0W/20 PLUS

phenol, (tetrapropenyl) derivatives <1%

Classification

Skin Corr. 1 - H314 Eye Dam. 1 - H318 Repr. 1B - H360 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

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

Composition comments The data shown are in accordance with the latest EC Directives. 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 cannot be seen, the item is exempt from registering, minimum

volume threshold for recording does not meet,

the registration date has not yet arrived, or this information has been registered. 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 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. 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 See Section 11 for additional information on health hazards.

InhalationNo specific symptoms known.IngestionNo specific symptoms known.Skin contactNo specific symptoms known.Eye contactCauses serious eye irritation.

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

Notes for the doctorNo specific treatment. Treat symptomatically.

Specific treatments Treat symptomatically.

SECTION 5: Firefighting measures

MAXIMA CX 0W/20 PLUS

5.1. Extinguishing media

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

Unsuitable extinguishing

media

Using a water jet can be inconvenient.

5.2. Special hazards arising from the substance or mixture

Specific hazards Oxides of carbon. Oxides of nitrogen.

Hazardous combustion

products

Not known.

5.3. Advice for firefighters

Protective actions during

firefighting

Avoid breathing fire gases or vapours. Control run-off water by containing and keeping it out of sewers and watercourses. Use water to keep fire exposed containers cool and disperse vapours.

Special protective equipment

for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Use air-supplied respirator, gloves and protective goggles.

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. Avoid contact with

skin and eyes.

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

intervene.

For emergency responders Stop the leakage source if it can be done without risk.Limit spillage to prevent further

contamination of soil, surface or ground water.Remove any spilled material as soon as possible by following the precautions in the section Exposure Controls / Personal Protection.Use suitable techniques such as non-flammable absorbent materials or pumping.When possible or appropriate, remove the contaminated soil from the area.Place contaminated products in disposable boxes and dispose of in accordance with regulations.If a

heated material is spilled, allow it to cool before handling with disposal methods.

6.2. Environmental precautions

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

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into

containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering

drains, sewers or watercourses. For waste disposal, see Section 13.

6.4. Reference to other sections

Reference to other sections See Section 1 for emergency contact information. For personal protection, see Section 8. 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.

MAXIMA CX 0W/20 PLUS

Advice on general occupational hygiene

Avoid breathing vapors / mist. Proper ventilation should be provided in areas where the product is used. Do not eat, drink or smoke when using this product. Eye wash facilities and emergency shower must be available when handling this product. Wash contaminated skin thoroughly after handling. Take off immediately all contaminated clothing and wash it before reuse. Remove contaminated clothing and protective equipment before entering eating areas. 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 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 descriptionThe product must be used as specified in the data sheet.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

Mineral Oil- inhalable fraction: TWA: 5 mg/m3 (Source: US. ACGIH Threshold Limit Values (02 2012))

Distillates (petroleum) hydrotreated heavy paraffinic: EU OEL (Europe) TWA: 5 mg/m3, 8 hours.

Distillates (petroleum) solvent-dewaxed heavy paraffinic: EU OEL (Europe) TWA: 5 mg/m3, 8 hours/ STEL: 10 mg/m3, 15

minutes.

Distillates (petroleum), hydrotreated heavy paraffinic baseoil

There is no available data.

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.

Lubricating oils (petroleum), C15-30, based on hydrogenated neutral oil

TLV/TWA 5 mg/m3 8 hours

EU OEL

Ingredient comments WEL = Workplace Exposure Limits

DNEL 64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic

DNEL: 2,7 (8h) mg/m3 (long trm inhalativ worker systemic)
DNEL: 5,4 (8h) mg/m3 (long-term inhalativ worker local)
DNEL: 1,2 (24h) mg/m3 (long-term inhalativ comsumer local)
DNEL: 0,74 (24h) mg/kg/d (long-term oral consumer systemic)
DNEL: 1,0 (8h) mg/kg (long-term dermal worker systemic)

MAXIMA CX 0W/20 PLUS

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.

lubricating oils (petroleum), C20-50, hydrotreated neutral oil based (CAS: 72623-87-1)

DNEL TWA (sis): 5 mg/m3 , STEL (sis): 10 mg/m3 , TWAEV (sis): 5 mg/m3 , STEV (sis):

10 mg/m3, TWA (solunabilir fraksiyon): 5 mg/m3

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

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

PNEC - Water; 0,5 mg/l

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

PNEC Water; 0,004 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. 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.

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.

MAXIMA CX 0W/20 PLUS

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.

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. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. Store in a demarcated bunded area to prevent release

to drains and/or watercourses. Keep container tightly sealed when not in use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance Liquid.

Odour Characteristic.

Odour threshold No specific test data are available.

pH Scientifically unjustified.

Melting point No specific test data are available.

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

Flash point 260oC

Evaporation rate No specific test data are available.

Evaporation factor No specific test data are 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.

Relative density 0.85 g/ml 15 @ °C

Bulk density ~ 0,85 @15°C g/ml

Solubility(ies) Insoluble in water.

Partition coefficient No information available.

Auto-ignition temperature No information available.

Decomposition Temperature No information available.

Viscosity 100 °C : 12,5 - 16,3 cSt

MAXIMA CX 0W/20 PLUS

Explosive properties No information available.

Explosive under the influence

of a flame

No suitable data is available.

Oxidising properties No data available.

Comments Information given is applicable to the product as supplied.

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 information required.

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

Possibility of hazardous

Will not polymerise.

reactions

10.4. Conditions to avoid

Conditions to avoid Avoid excessive heat for prolonged periods of time.

10.5. Incompatible materials

Materials to avoid Acids - oxidising.

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

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.

Notes (oral LD₅₀)

Based on available data the classification criteria are not met.

Acute toxicity - dermal

MAXIMA CX 0W/20 PLUS

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 LC₅₀)

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 Not classified as a primary skin irritant. Prolonged or repeated contact with skin may cause

irritation, redness and dermatitis. Prolonged skin contact may cause temporary irritation.

Animal data No information available.

Human skin model testNo information available.

Extreme pH No information available.

Serious eye damage/irritation

Summary Causes serious eye irritation.

Serious eye damage/irritation Irritation of eyes is assumed.

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 sensitisationBased 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 vitroBased on available data the classification criteria are not met.

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

Carcinogenicity

Summary 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

Based on available data the classification criteria are not met.

IARC carcinogenicity

Based on available data the classification criteria are not met.

NTP carcinogenicity Based on available data the classification criteria are not met.

Reproductive toxicity

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

Reproductive toxicity - fertility No specific test data are available.

Reproductive toxicity -

development

No information is required.

Specific target organ toxicity - single exposure

MAXIMA CX 0W/20 PLUS

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

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 May be fatal if swallowed and penetrates into the respiratory tract.

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 Skin irritation should not occur when used as recommended. Liquid may irritate skin.

Eye contact Irritating to eyes.

Acute and chronic health

hazards

There is not enough data.

Route of exposure Ingestion Inhalation Skin and/or eye contact

Target organs No specific target organs known.

Medical symptoms No specific tes data are available.

Medical considerations No specific tes data are available.

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 Harmful to aquatic life with long lasting effects.

Acute toxicity - fish No specific test data are available.

Acute toxicity - aquatic

invertebrates

No specific test data are available.

Acute toxicity - aquatic plants No specific test data are available.

Acute toxicity - No specific test data are available.

microorganisms

Acute toxicity - terrestrial No specific test data are available.

MAXIMA CX 0W/20 PLUS

Chronic aquatic toxicity

Summary No specific test data are available.

Chronic toxicity - fish early life

stage

No information required.

Short term toxicity - embryo

and sac fry stages

No information required.

Chronic toxicity - aquatic

invertebrates

No specific test data are available.

Toxicity to soil There is not enough data.

Toxicity to terrestrial plants There is not enough data.

12.2. Persistence and degradability

Persistence and degradability No data available.

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 information available.

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 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 data available.

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information The packaging must be empty (drop-free when inverted). Do not puncture or incinerate, even

when empty.

Disposal methodsDispose 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. Do not re-use

empty packages. please recycle empty packages.

MAXIMA CX 0W/20 PLUS

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 Avoid releasing into the environment.

Rail transport notes Not classified.

Sea transport notesDo not release into the environment.

Air transport notes Not classified.

14.1. UN 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

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

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

Guidance Safety Data Sheets for Substances and Preparations.

Authorisations (Annex XIV

Regulation 1907/2006)

No specific authorisations are known for this product.

MAXIMA CX 0W/20 PLUS

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 in the safety data sheet

E.U.: European union DMSO: Dimethyl sulfoxide

KKE: Personal protective aquipment

T.C.: Republic of Turkey

TWA: Workplace exposure limits

UZEM: National Poison Information Center

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

Road.

CAS: Chemical Abstracts Service.

DNEL: Derived No Effect Level.

GHS: Globally Harmonized System.

IATA: International Air Transport Association.

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

IMDG: International Maritime Dangerous Goods.

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

LD₅₀: 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.

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.

NOAEL: No Observed Adverse Effect Level. NOEC: No Observed Effect Concentration.

Classification abbreviations and acronyms

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

Aquatic Chronic = Hazardous to the aquatic environment (chronic)

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

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

STOT RE = Specific target organ toxicity-repeated exposure

Skin Sens. = Skin sensitisation Skin Irrit. = Skin irritation Eye Irrit. = Eye irritation Carc. = Carcinogenicity Repr. = Reproductive toxicity

MAXIMA CX 0W/20 PLUS

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

 $\label{eq:continuous} \mbox{Aquatic Chronic 3 - H412: Calculation method., Supplier information Eye Irrit. 2 - H319: \mbox{\cite{Aquatic Chronic 3 - H412: Calculation method., Supplier information Eye Irrit. 2 - H319: \mbox{\cite{Aquatic Chronic 3 - H412: Calculation method., Supplier information Eye Irrit. 2 - H319: \mbox{\cite{Aquatic Chronic 3 - H412: Calculation method., Supplier information Eye Irrit. 2 - H319: \mbox{\cite{Aquatic Chronic 3 - H412: Calculation method., Supplier information Eye Irrit. 2 - H319: \mbox{\cite{Aquatic Chronic 3 - H412: Calculation method., Supplier information Eye Irrit. 2 - H319: \mbox{\cite{Aquatic Chronic 3 - H412: Calculation method., Supplier information Eye Irrit. 2 - H319: \mbox{\cite{Aquatic Chronic 3 - H412: Calculation method., Supplier information Eye Irrit. 2 - H319: \mbox{\cite{Aquatic Chronic 3 - H412: Calculation method., Supplier information Eye Irrit. 2 - H319: \mbox{\cite{Aquatic Chronic 3 - H412: Calculation method., Supplier information Eye Irrit. 2 - H319: \mbox{\cite{Aquatic Chronic 3 - H412: Calculation method., Supplier information Eye Irrit. 2 - H319: \mbox{\cite{Aquatic Chronic 3 - H412: Calculation method., Supplier information Eye Irrit. 2 - H319: \mbox{\cite{Aquatic Chronic 3 - H412: Calculation method., Supplier information Eye Irrit. 2 - H319: \mbox{\cite{Aquatic Chronic 3 - H412: Calculation method., Supplier information Eye Irrit. 2 - H319: \mbox{\cite{Aquatic Chronic 3 - H412: Calculation method., Supplier information Eye Irrit. 2 - H319: \mbox{\cite{Aquatic Chronic 3 - H412: Calculation method., Supplier information Eye Irrit. 2 - H319: \mbox{\cite{Aquatic Chronic 3 - H412: Calculation method., Supplier information Eye Irrit. 2 - H319: \mbox{\cite{Aquatic Chronic 3 - H412: Calculation Eye Irrit. 2 - H319: \mbox{\cite{Aquatic Chronic 3 - H412: Calculation Eye Irrit. 2 - H319: \mbox{\cite{Aquatic Chronic 3 - H412: Calculation Eye Irrit. 2 - H319: \mbox{\cite{Aquatic Chronic 3 - H412: Calculation Eye Irrit. 2 - H319: \mbox{\cite{Aquatic Chronic$

Calculation method., Supplier information

Training advice Untrained personnel should not use.

Revision comments Revised classification.

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

Revision date 09/11/2021

Revision 1

Supersedes date 09/11/2021

SDS number 20814

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

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H360 May damage fertility or the unborn child if swallowed.

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.
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.