



SAFETY DATA SHEET MAXIMA K 5W30

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 MAXIMA K 5W30

Product number 11218

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 OFİSİ A.Ş.
Ünalan Mahallesi, Libadiye Caddesi No: 82F Kat: 2-3-4, 34700 Üsküdar/ İstanbul
Tel: +90 850 339 1919
Fax: +90 216 275 3854
madeniyag@petrolofisi.com.tr

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

1.4. Emergency telephone number

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

National emergency telephone number Emergency Medical Services: 112 National Poison Consultance Center: 114

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Eye Irrit. 2 - H319

Environmental hazards Aquatic Chronic 3 - H412

2.2. Label elements

Hazard pictograms



Signal word Warning

Hazard statements H319 Causes serious eye irritation.
H412 Harmful to aquatic life with long lasting effects.

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Precautionary statements

P401 Store in accordance with national regulations.
 P280 Wear protective clothing, gloves, eye and face protection.
 P270 Do not eat, drink or smoke when using this product.
 P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
 P273 Avoid release to the environment.
 P501 Dispose of contents/ container in accordance with national regulations.

2.3. Other hazards

When the product is heated above 90C (194F), a low level of CO, CO₂, phosphorus oxides, metal oxide / oxides, hydrogen sulfide may be released by thermal decomposition.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Distillates (petroleum), hydrotreated heavy paraffinic baseoil	80-95%
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), solvent cilası alınmış ağır parafinik	1-5%
CAS number: 64742-65-0 EC number: 265-169-7	
Classification Not Classified	
Damıtıklar (petrol), hidrojenle muamele edilmiş ağır parafinik	1-5%
CAS number: 64742-54-7 EC number: 265-157-1	
Classification Not Classified	
Phosphorodithioic acid, mixed O,O-bis(1, 3-dimethylbutyl and iso-Pr) esters, zinc salts	1-5%
CAS number: 84605-29-8 EC number: 283-392-8	
Classification Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Chronic 2 - H411	

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Bis(nonilfenil)amin	1-5%
CAS number: 36878-20-3 EC number: 253-249-4	
Classification Aquatic Chronic 4 - H413	
Long-chain olefin sulphides	<1%
CAS number: —	
Classification Aquatic Chronic 4 - H413	
Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased	<1%
CAS number: 122384-87-6 EC number: 272-234-3	
Classification Aquatic Chronic 4 - H413	
phenol, (tetrapropenyl) derivatives	<1%
CAS number: 74499-35-7 EC number: 616-100-8	
M factor (Acute) = 10 M factor (Chronic) = 10	
Classification Skin Corr. 1 - H314 Eye Dam. 1 - H318 Repr. 1B - H360 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	
Alcohols, C12-14, ethoxylated(even numbered) 1-2.5EO	<1%
CAS number: — EC number: 500-213-3	
M factor (Acute) = 1	
Classification Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Acute 1 - H400 Aquatic Chronic 3 - H412	

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

Composition comments The DMSO contents of some substances are classified by the manufacturer as <3% according to IP 346.

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

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4.1. Description of first aid measures

General information	Personal protective equipment should be used to minimize first-aid treatment. First aid personnel should wear appropriate protective equipment during any rescue.
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.
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. Get medical attention if symptoms are severe or persist.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Occasionally open and close eyelids during the wash process. Get medical attention immediately.
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.
Inhalation	No specific symptoms known.
Ingestion	No specific symptoms known.
Skin contact	No specific symptoms known.
Eye contact	Causes serious eye irritation.

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

Notes for the doctor	The effect of decomposition products that may be released during the fire may be delayed. The exposed person may need to be kept under medical observation for 48 hours.
Specific treatments	Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Use a suitable extinguishing agent to extinguish the fire.
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 (CO ₂). Carbon monoxide (CO). Hydrogen sulphide (H ₂ S). Metal oxide(s). Oxides of nitrogen. Oxides of phosphorus.

5.3. Advice for firefighters

Protective actions during firefighting	Evacuate area. No action shall be taken without appropriate training or involving any personal risk.
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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 Ensure procedures and training for emergency decontamination and disposal are in place. Take care as floors and other surfaces may become slippery.

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 Apply protective methods to prevent spilled material from entering into water sources, water channels, sewers and soil. The product contains a substance which is very toxic to aquatic organisms. May be harmful to the environment if released in large quantities. Environmental manager must be informed of all major spillages. Inform respective authorities in case product reaches water or sewage system.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Provide adequate ventilation. Remove all sources of ignition. 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. Inform authorities if large amounts are involved.

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 Wear protective clothing as described in Section 8 of this safety data sheet. Do not ingest. Avoid siphonage by mouth. Avoid contact with skin, eyes and clothing. Do not breathe dust or mist. Avoid release to the environment. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Product residues retained in emptied containers can be hazardous. Do not reuse empty containers.

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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 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). Containers that have been opened must be carefully released and kept upright to prevent leakage. Do not store in unlabeled containers. Avoid environmental contamination. NOTE: Exposure to elevated temperatures may increase the possibility of H₂S and mercaptan generation.

Storage class

Not applicable. Note: This product contains a component with a storage class of 6.1 C.

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

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.

Mineral Oil

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

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.

Damıtıklar (petrol), hidrojenle muamele edilmiş ağır parafinik

TLV/TWA

EU OEL

5 mg/m³

8 hours

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 consumer local)

DNEL: 0,74 (24h) mg/kg/d (long-term oral consumer systemic)

DNEL: 1,0 (8h) mg/kg (long-term dermal worker systemic)

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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/m ³ Workers - Inhalation; Long term local effects: 5,4 (8h) mg/m ³ Consumer - Inhalation; Long term local effects: 1,2 (24h) mg/m ³ 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

Appropriate engineering controls	As this product contains ingredients with exposure limits, process enclosures, local exhaust ventilation or other engineering controls should be used to keep worker exposure below any statutory or recommended limits, if use generates dust, fumes, gas, vapour or mist. Good general ventilation should be adequate to control worker exposure to airborne contaminants.
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.
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 gloves: Nitril gloves of minimum thickness 0.4 mm have an expected breakthrough time of 480 minutes or less when in frequent contact with the product. This information does not replace suitability tests by the end user since glove protection varies depending on the conditions under which the product is used. Use good industrial hygiene practices.
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	Good personal hygiene procedures should be implemented. Wash hands thoroughly after handling. Take off contaminated clothing and wash it before reuse. Remove contaminated clothing and protective equipment before entering eating areas. Eye wash facilities and emergency shower must be available when handling this product.
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. 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.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Brown.
Odour	Odorless or slightly petroleum oil
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	~ 232°C Cleveland open cup.
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	No information available.
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	>22,5 cSt @ 40°C
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.

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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 exposure to high temperatures or direct sunlight. Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

Materials to avoid Strong oxidising agents. Strong reducing agents.

10.6. Hazardous decomposition products

Hazardous decomposition products Mercaptans. Hydrogen sulphide (H₂S). Sulphurous gases (SO_x). Thermal decomposition or combustion may generate smoke, carbon monoxide, carbon dioxide, irritating vapors and other products of incomplete combustion. Methacrylates.

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

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.

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Human skin model test	No information available.
Extreme pH	No information available.
<u>Serious eye damage/irritation</u>	
Summary	Causes serious eye irritation.
Serious eye damage/irritation	Causes serious eye irritation.
<u>Respiratory sensitisation</u>	
Summary	Based on available data the classification criteria are not met.
Respiratory sensitisation	Based on available data the classification criteria are not met.
<u>Skin sensitisation</u>	
Summary	Based on available data the classification criteria are not met.
Skin sensitisation	Based on available data the classification criteria are not met.
<u>Germ cell mutagenicity</u>	
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.
<u>Carcinogenicity</u>	
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.
<u>Reproductive toxicity</u>	
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.
<u>Specific target organ toxicity - single exposure</u>	
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.
<u>Specific target organ toxicity - repeated exposure</u>	
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.
<u>Aspiration hazard</u>	
Summary	Based on available data the classification criteria are not met.
Aspiration hazard	May be fatal if swallowed and penetrates into the respiratory tract.

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Toxicokinetics	No information is required.
General information	Information given is based on data of the components and of similar products.
Inhalation	May be harmful if inhaled.
Ingestion	Aspiration hazard if swallowed.
Skin contact	In case of skin contact damage / irritation effect is not expected. Prolonged and high doses may cause harmful effects as a result of contact.
Eye contact	May cause severe eye irritation.
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.

Toxicological information on ingredients.

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.
<u>Acute toxicity - oral</u>	
Summary	Based on available data the classification criteria are not met.
Notes (oral LD₅₀)	LD ₅₀ >5000 (OECD 401)/API 1982a mg/kg, Oral, Rat
<u>Acute toxicity - dermal</u>	
Summary	Based on available data the classification criteria are not met.
Notes (dermal LD₅₀)	LD ₅₀ >5000 (OECD 402)/API 1982a mg/kg, Dermal, Rabbit
<u>Acute toxicity - inhalation</u>	
Summary	Based on available data the classification criteria are not met.
Notes (inhalation LC₅₀)	LC ₅₀ , 4h 5,53 (OECD 403)/Exxon Biomedical Sciences, Inc.(1988a) mg/l, Inhalation, Rat
<u>Skin corrosion/irritation</u>	
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.
<u>Serious eye damage/irritation</u>	
Summary	Based on available data the classification criteria are not met.

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Serious eye damage/irritation	Based on available data the classification criteria are not met.
<u>Respiratory sensitisation</u>	
Summary	Based on available data the classification criteria are not met.
Respiratory sensitisation	Based on available data the classification criteria are not met.
<u>Skin sensitisation</u>	
Summary	Based on available data the classification criteria are not met.
Skin sensitisation	Based on available data the classification criteria are not met.
<u>Germ cell mutagenicity</u>	
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.
<u>Carcinogenicity</u>	
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.
<u>Reproductive toxicity</u>	
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.
<u>Specific target organ toxicity - single exposure</u>	
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.
<u>Specific target organ toxicity - repeated exposure</u>	
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.
<u>Aspiration hazard</u>	
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

STOT - single exposure If material is misted or if vapors are generated from heating, exposure may cause 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), solvent cılası alınmıř ađır parafınık

Acute toxicity - oral

Notes (oral LD₅₀) LD₅₀ >5000 mg/kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ >5000 mg/kg, Dermal, Rabbit NOAEL, Sub-akut 1000 mg/kg, Dermal, Rabbit

Acute toxicity - inhalation

Notes (inhalation LC₅₀) 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 Moderately irritating.

Serious eye damage/irritation

Serious eye damage/irritation Moderately irritating.

Respiratory sensitisation

Respiratory sensitisation Not sensitising.

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Germ cell mutagenicity

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

Reproductive toxicity

Reproductive toxicity - fertility Fertility - Negative. , Oral, Rat

Reproductive toxicity - development Maternal toxicity: - Negative.: , Oral, Rat Developmental toxicity: - Negative.: , Oral, Rat Teratogenicity: - Negative.: , Dermal, Rat

Damıtıklar (petrol), hidrojenle muamele edilmiş ağır parafinik

Acute toxicity - oral

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

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ >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 LC₅₀) 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 Moderately irritating.

Serious eye damage/irritation

Serious eye damage/irritation Moderately irritating.

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

Phosphorodithioic acid, mixed O,O-bis(1, 3-dimethylbutyl and iso-Pr) esters, zinc salts

Acute toxicity - oral

Notes (oral LD₅₀) LD₅₀ 3100 mg/kg, Oral, Rat NOAEL, chronic 160 mg/kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ >2002 mg/kg, Dermal, Rat

Acute toxicity - inhalation

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Notes (inhalation LC₅₀)	LC50 >2,3 mg/l, 4 hour, Vapour Rat
<u>Skin corrosion/irritation</u>	
Skin corrosion/irritation	Causes skin irritation.
<u>Serious eye damage/irritation</u>	
Serious eye damage/irritation	Causes serious eye irritation.
<u>Skin sensitisation</u>	
Skin sensitisation	Not sensitising.
<u>Germ cell mutagenicity</u>	
Genotoxicity - in vitro	Bacterial reverse mutation test: Negative. Gene mutation: Positive. Micronucleus Test: Negative.
<u>Reproductive toxicity</u>	
Reproductive toxicity - fertility	Fertility - Negative., Oral, Rat
Reproductive toxicity - development	Maternal toxicity: - : Negative., Oral, Rat Developmental toxicity: - : Negative., Oral, Rat

Bis(nonilfenil)amin

<u>Acute toxicity - oral</u>	
Notes (oral LD₅₀)	LD ₅₀ >5000 mg/kg, Oral, Rat LOAEL, Sub-kronik 100 mg/kg, Oral, Rat
<u>Acute toxicity - dermal</u>	
Notes (dermal LD₅₀)	LD ₅₀ >2000 mg/kg, Dermal, Rat
<u>Skin corrosion/irritation</u>	
Skin corrosion/irritation	Moderately irritating.
<u>Skin sensitisation</u>	
Skin sensitisation	Not sensitising.
<u>Germ cell mutagenicity</u>	
Genotoxicity - in vitro	Bacterial reverse mutation test: Negative. Chromosome aberration: Negative. Gene mutation: Negative.
<u>Reproductive toxicity</u>	
Reproductive toxicity - development	Teratogenicity: - : Negative., Oral, Rat

Long-chain olefin sulphides

<u>Acute toxicity - oral</u>	
Notes (oral LD₅₀)	LD ₅₀ >2000 mg/kg, Oral, Rat NOAEL, Sub-akut 1000 mg/kg, Oral, Rat
<u>Acute toxicity - dermal</u>	
Notes (dermal LD₅₀)	LD ₅₀ >2000 mg/kg, Dermal, Rat
<u>Skin corrosion/irritation</u>	
Skin corrosion/irritation	Slightly irritating.

MAXIMA K 5W30**Serious eye damage/irritation**

Serious eye damage/irritation Slightly irritating.

Skin sensitisation

Skin sensitisation Not sensitising.

Germ cell mutagenicity

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

Reproductive toxicity

Reproductive toxicity - fertility Fertility - Negative., Oral, Rat

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

Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased**Acute toxicity - oral**

Notes (oral LD₅₀) LD₅₀ >5000 mg/kg, Oral, Rat NOAEL, Sub-akut 200 mg/kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ >2000 mg/kg, Dermal, Rabbit NOAEL, Sub-akut 250 mg/kg, Dermal, Rat

Skin corrosion/irritation

Skin corrosion/irritation Slightly irritating.

Serious eye damage/irritation

Serious eye damage/irritation Slightly irritating.

Germ cell mutagenicity

Genotoxicity - in vitro Bacterial reverse mutation test: Negative. Gene mutation, memeliler-hayvan: Negative.

Reproductive toxicity

Reproductive toxicity - development Teratogenicity: - : Negative., Oral, Rat

Exchangeable neutral oils**Acute toxicity - oral**

Notes (oral LD₅₀) LD₅₀ >2000 mg/kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ >2000 mg/kg, Dermal, Rabbit

phenol, (tetrapropenyl) derivatives**Acute toxicity - oral**

Notes (oral LD₅₀) LD₅₀ 2200 mg/kg, Oral, Rat NOAEL, Sub-kronik 15 mg/kg, Oral, Rat

Acute toxicity - dermal

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Notes (dermal LD₅₀)	LD ₅₀ 15000 mg/kg, Dermal, Rabbit
<u>Skin sensitisation</u>	
Skin sensitisation	Not sensitising.
<u>Germ cell mutagenicity</u>	
Genotoxicity - in vitro	Bacterial reverse mutation test: Negative. Gene mutation: Negative.
<u>Reproductive toxicity</u>	
Reproductive toxicity - fertility	Fertility - Positive., Oral, Rat
Reproductive toxicity - development	Maternal toxicity: - : Positive., Oral, Rat Developmental toxicity: - : Positive., Oral, Rat
<u>Alcohols, C12-14, ethoxylated(even numbered) 1-2.5EO</u>	
<u>Acute toxicity - oral</u>	
Notes (oral LD₅₀)	LD ₅₀ >2000 mg/kg, Oral, Rat NOAEL, Sub-akut 100 mg/kg, Oral, Rat
<u>Acute toxicity - dermal</u>	
Notes (dermal LD₅₀)	LD ₅₀ >2000 mg/kg, Dermal, Rabbit
<u>Acute toxicity - inhalation</u>	
Notes (inhalation LC₅₀)	LC50 >1,6 mg/l, 4 hour, Vapour Rat
<u>Skin corrosion/irritation</u>	
Skin corrosion/irritation	Corrosive to skin.
<u>Serious eye damage/irritation</u>	
Serious eye damage/irritation	Causes serious eye irritation.
<u>Skin sensitisation</u>	
Skin sensitisation	Not sensitising.
<u>Germ cell mutagenicity</u>	
Genotoxicity - in vitro	Bacterial reverse mutation test: Negative. Chromosome aberration: Negative.
<u>Reproductive toxicity</u>	
Reproductive toxicity - fertility	Fertility - Negative., Dermal, Rat
Reproductive toxicity - development	Maternal toxicity: - : Positive., Dermal, Rat Developmental toxicity: - : Negative., Dermal, Rat

SECTION 12: Ecological information

Ecotoxicity Harmful to aquatic life with long lasting effects.

Ecological information on ingredients.**Distillates (petroleum), hydrotreated heavy paraffinic baseoil**

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

12.1. Toxicity

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Toxicity Harmful to aquatic life with long lasting effects.

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 - microorganisms No specific test data are available.

Acute toxicity - terrestrial No specific test data are available.

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.

Ecological information on ingredients.**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 LL₅₀, : >100 mg/l, Fish
LL₅₀, 96 (OECD 203) hours: >100 mg/l, Pimephales promelas (Fat-head Minnow)

Acute toxicity - aquatic invertebrates LL₅₀, 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 LL₅₀, : >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 life stage No information required.

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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), solvent cılası alınmıř ađır parafınık

Acute aquatic toxicity

Acute toxicity - fish LL₅₀, 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 invertebrates NOEL, 21 day: 10 mg/l, Daphnia magna
NOEL, 72 hour: >=100 mg/l, Pseudokirchneriella subcapitata

Damıtıklar (petrol), hidrojenle muamele edilmiř ađır parafınık

Acute aquatic toxicity

Acute toxicity - fish LL₅₀, 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 invertebrates NOEL, 21 day: 10 mg/l, Daphnia magna
NOEL, 72 hour: >=100 mg/l, Pseudokirchneriella subcapitata

Phosphorodithioic acid, mixed O,O-bis(1, 3-dimethylbutyl and iso-Pr) esters, zinc salts

Acute aquatic toxicity

Acute toxicity - fish LL₅₀, 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, Desmodemus 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
NOEC, 72 hour: 10 mg/l, Desmodemus subspicatus

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Acute aquatic toxicity

Acute toxicity - fish LL₅₀, 96 hour: >100 mg/l, Danio rerio (Zebrafish)

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Acute toxicity - aquatic invertebrates	EL50, 48 hour: >100 mg/l, Daphnia magna
Acute toxicity - aquatic plants	EL50, 72 hour: 100 mg/l, Desmodemus subspicatus
Acute toxicity - microorganisms	IC ₅₀ , 3 hour: >100 mg/l, Micro-organisms
<u>Chronic aquatic toxicity</u>	
Chronic toxicity - aquatic invertebrates	NOEL, 72 hour: >10 mg/l, Alg

Long-chain olefin sulphides

<u>Acute aquatic toxicity</u>	
Acute toxicity - fish	LL ₅₀ , 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
<u>Chronic aquatic toxicity</u>	
Chronic toxicity - aquatic invertebrates	NOEL, 72 hour: 100 mg/l, Pseudokirchneriella subcapitata

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

<u>Acute aquatic toxicity</u>	
Acute toxicity - fish	LL ₅₀ , 96 hour: >1000 mg/l, Pimephales promelas (Fat-head Minnow)
Acute toxicity - aquatic invertebrates	EL50, 48 hour: >1000 mg/l, Daphnia magna
Acute toxicity - aquatic plants	EL50, 96 hour: >500 mg/l, Desmodemus subspicatus
Acute toxicity - microorganisms	EL50, 3 hour: >10000 mg/l, Micro-organisms

phenol, (tetrapropenyl) derivatives

<u>Acute aquatic toxicity</u>	
LE(C)₅₀	0.01 < L(E)C50 ≤ 0.1
M factor (Acute)	10
Acute toxicity - fish	LL ₅₀ , 96 hour: 40 mg/l, Pimephales promelas (Fat-head Minnow)
Acute toxicity - aquatic invertebrates	EL50, 48 hour: 0,037 mg/l, Daphnia magna
Acute toxicity - aquatic plants	EL50, 72 hour: 0,36 mg/l, Desmodemus subspicatus NOEL, 72 hour: 0,07 mg/l, Desmodemus subspicatus
Acute toxicity - microorganisms	EL50, 3 hour: >1000 mg/l, Micro-organisms

MAXIMA K 5W30**Chronic aquatic toxicity**

M factor (Chronic)	10
Chronic toxicity - aquatic invertebrates	NOEL, 21 day: 0,0037 mg/l, Daphnia magna

Alcohols, C12-14, ethoxylated(even numbered) 1-2.5EO**Acute aquatic toxicity**

LE(C)₅₀	0.1 < L(E)C ₅₀ ≤ 1
M factor (Acute)	1
Acute toxicity - fish	LC ₅₀ , 96 hour: 0,876 mg/l, Danio rerio (Zebrafish)
Acute toxicity - aquatic invertebrates	EL ₅₀ , 48 hour: 0,39 mg/l, Daphnia magna
Acute toxicity - aquatic plants	EL ₅₀ , 72 hour: 0,41 mg/l, Pseudokirchneriella subcapitata NOEL, 72 hour: 0,31 mg/l, Pseudokirchneriella subcapitata
Acute toxicity - microorganisms	EL ₅₀ , 5 hour: >2 mg/l, Micro-organisms

Chronic aquatic toxicity

Chronic toxicity - fish early life stage	NOEC, 10 day: 0,16 mg/l, Pimephales promelas (Fat-head Minnow)
Chronic toxicity - aquatic invertebrates	NOEC, 21 day: 0,77 mg/l, Daphnia magna

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.
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.

Ecological information on ingredients.**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), solvent cılası alınmıř ađır parafınık

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Biodegradation OECD 301 F - 31 %: 28 day

Damıtıklar (petrol), hidrojenle muamele edilmiş ağır parafinik

Biodegradation OECD 301 F - 31 %: 28 day

Phosphorodithioic acid, mixed O,O-bis(1, 3-dimethylbutyl and iso-Pr) esters, zinc salts

Biodegradation OECD 301 B - 1,5 %: 28 day

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Biodegradation OECD 301 B - 1: % 28 day

Long-chain olefin sulphides

Biodegradation OECD 301 B - 45 %: 28 day

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

Biodegradation OECD 301 B - 13,4 %: 28 day

phenol, (tetrapropenyl) derivatives

Biodegradation OECD 301 B - 6-25 %: 28 day

Alcohols, C12-14, ethoxylated(even numbered) 1-2.5EO

Biodegradation - 95 %: 28 day

12.3. Bioaccumulative potential

Bioaccumulative potential No specific test data are available.

Partition coefficient No information available.

Ecological information on ingredients.**Distillates (petroleum), hydrotreated heavy paraffinic baseoil**

Bioaccumulative potential Inconclusive data.

Partition coefficient Inconclusive data.

Phosphorodithioic acid, mixed O,O-bis(1, 3-dimethylbutyl and iso-Pr) esters, zinc salts

Bioaccumulative potential log Pow: 0,56,

Bis(nonilfenil)amin

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

phenol, (tetrapropenyl) derivatives

Bioaccumulative potential BCF: 289-1601,

12.4. Mobility in soil

Mobility No data available.

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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 assessment	Not applicable.
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Ecological information on ingredients.

Distillates (petroleum), hydrotreated heavy paraffinic baseoil

Results of PBT and vPvB assessment	Not relevant.
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12.6. Other adverse effects

Other adverse effects	May cause minor damage to water. Dangerous for the environment.
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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.
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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

MAXIMA K 5W30

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 notes	Do not release into the environment.
Air transport notes	Not classified.
<u>14.1. UN number</u>	Not applicable.
<u>14.2. UN proper shipping name</u>	Not applicable.
<u>14.3. Transport hazard class(es)</u>	No transport warning sign required.
Transport labels	No transport warning sign required.
<u>14.4. Packing group</u>	Not applicable.
<u>14.5. Environmental hazards</u>	
<u>14.6. Special precautions for user</u>	Ensure that persons transporting the product know what to do in the event of an accident or spillage. Always transport in closed containers that are upright and secure.
<u>14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code</u>	
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.

SECTION 15: Regulatory information

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

National regulations	<p>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.</p> <p>T. C. Ministry of Environment and Urbanization Regulation on Safety Data Sheets on Hazardous Substances and Mixtures</p> <p>T. C. Ministry of Environment and Urbanization Guidelines for Safe Storage of Chemicals</p> <p>T. C. The Ministry of Labor and Social Security, Regulation on the Use of Personal Protective Equipment at Workplaces No. 28695 dated July 2, 2013</p>
EU legislation	<p>T. C. The Ministry of Labor and Social Security, Implementing Regulation on Health and Safety Measures for Working with Chemical Substances, numbered 28733 dated August 12, 2013</p> <p>Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).</p> <p>https://echa.europa.eu</p>
Guidance	Safety Data Sheets for Substances and Preparations.

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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 in the safety data sheet

E.U. : European union
 DMSO: Dimethyl sulfoxide
 KKE: Personal protective equipment
 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.
 LC₅₀: 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 K 5W30

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

Aquatic Chronic 3 - H412: Calculation method., Supplier information Eye Irrit. 2 - H319: 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

25/03/2020

Revision

1

Supersedes date

19/02/2019

SDS number

20440

Hazard statements in full

H304 May be fatal if swallowed and enters airways.
 H314 Causes severe skin burns and eye damage.
 H315 Causes skin irritation.
 H318 Causes serious eye damage.
 H319 Causes serious eye irritation.
 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.
 H411 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.