



Part I
SAFETY DATA SHEET
MAXIMA CX 0W30

Dated December 13, 2014 and numbered 29204, "Ministry of Environment and Urbanization Regarding Hazardous Substances and Mixtures
It has been arranged in accordance with the provisions of the "Regulation on Safety Data Sheets".

PART 1: Identity of the substance / mixture and company / distributor

1.1. Substance / Mixture identity

Name of the product MAXIMA CX 0W30
Item number 11117

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

Engine oil.

Uses not recommended This product can be used without the recommendation of the supplier in advance.

It should not be used outside of applications. This product is not used as a solvent or cleaning agent to set fire or to make it brighter and to clean the skin. This product has been designed for automotive applications only, and no provision has been made for aerospace application requirements.

1.3. Information of the safety data sheet supplier

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
miningiyag@petrolofisi.com.tr

Contact person Customer Service: mineiyag@petrolofisi.com.tr

1.4. Emergency phone number

Emergency phone number Mineral Oil Customer Service: 0850 339 1919 (office hours)

National emergency phone Emergency Health Services: 112 National Poison Information Center (UZEM): 114

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification TC 28848

Physical damages Not classified as harmful
Health hazards Eye Irrit. 2- H319 Aquatic
Environmental damages Chronic 3- H412

2.2. Label elements

Hazard sign



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Warning word	Attention
Hazard Statements	H319 Causes serious eye irritation. H412 Harmful to aquatic life with long lasting effects.
Precautionary statements	P264 Wash contaminated skin thoroughly after handling. P273 Avoid release to the environment. P280 Wear protective gloves / protective clothing / eye protection / face protection. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for a few minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 If eye irritation persists: Get medical advice / attention. P501 Dispose of contents / container in accordance with national regulations.

2.3. Other damages

No other information is available.

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Distillates (petroleum), hydrogen treated heavy paraffinic base oil	60-80%	
CAS number: 64742-54-7	EC number: 265-157-1	REACH registration number: 012119484627-25-0065
Classification	Asp. Full. 1- H304	
Distillates (petroleum), hydrogen treated heavy paraffinic	10-20%	
CAS number: -	EC number: 265-157-1	
Classification	Asp. Full. 1- H304	
1-decene homopolymer hydrogenated	5-10%	
CAS number: 68037-01-4		
Classification	Asp. Full. 1- H304	
Distillates (petroleum), solvent polished heavy paraffinic	1-5%	
CAS number: 64742-65-0	EC number: 265-169-7	
Classification	Not classified as harmful	

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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. Fog. Full. 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
2,6-di-tert-butyl-p-cresol <1% CAS number: - EC number: 204-881-4 M factor (acute) = 1 M factor (chronic) = 1
Classification Skin Irrit. 2- H315 Aquatic Acute 1- H400 Aquatic Chronic 1- H410

The full text of the hazard statements is given in Section 16.

Reviews on the composition DMSO contents of some substances are classified by the manufacturer as <3% according to IP 346.

Content notes See Section 8 for occupational exposure limits.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information Personal protective equipment should be used to minimize first aid. First aid personnel should wear appropriate protective equipment during rescue.

Breathing Bring the exposed person to fresh air and keep them warm and at rest in a position where they can breathe comfortably. Seek medical help. Artificial respiration and / or oxygen may be required.

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Swallowing Rinse mouth thoroughly with water. Remove any dentures. Provide fresh air, warmth and, if possible, sit comfortably upright and rest. If the material has been swallowed and the victim is conscious, give small amounts of water to drink. Stop vomiting if the victim feels unwell, as vomiting can be dangerous. If vomiting occurs, the head should be kept low so that the vomit does not enter the lungs. If symptoms are severe or persistent, seek medical attention. Never give anything by mouth to an unconscious person. If the victim is unconscious, place in a recovery position and seek immediate medical attention. Keep airways clear. Loosen tight parts of clothing such as a collar, tie or belt.

Skin contact If any discomfort occurs, seek medical advice immediately. Take off contaminated clothing and wash before reuse. In case of contact, the skin should be washed with plenty of water for at least 15 minutes.

Eye contact Immediately flush eyes with plenty of water for at least 15 minutes. Open and close the eyelids occasionally during the washing process.

First aid workers preservation First aid personnel should wear appropriate protective equipment during rescue. Performing mouth-to-mouth respiration can be dangerous for first aid personnel.

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

information See Section 11 for additional information on health hazards.

Breathing There are no specific symptoms known.

Swallowing There are no specific symptoms known.

Skin contact There are no specific symptoms known.

Eye contact There are no specific symptoms known.

4.3. Indication of any medical attention and special treatment needed Information to be

given to the doctor Treat symptomatically.

Special treatments Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Fire extinguishers

Suitable extinguishing agents Use a suitable extinguishing agent to extinguish the fire. Do not use water jet to extinguish the

Unsuitable extinguisher substances fire, in case the fire spreads.

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

Not known.

Harmful combustion products A complex mixture of airborne solids, liquids and gases can be released. Irritating vapors and smoke as a result of incomplete combustion. Carbon dioxide (CO₂). Carbon monoxide (CO).

5.3. Advice for firefighters

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During fire fighting preservative to be taken measures Clear the area. No action should be taken without proper training or any personal hazard.

For firefighters special protective equipment Positive pressure self-contained breathing apparatus and suitable protective clothing
get dressed.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Make sure procedures and emergency training are in place for on-site cleaning and disposal. Be aware that floors and other surfaces can be slippery in case of spillage.

Emergency personnel for those who are not Necessary precautions should be taken so that personnel who do not have proper training do not interfere.

For emergency responders Stop the source of the leak if it can be done without risk. Limit the spill to prevent further contamination of the soil, surface or underground water. Clean up the spilled material as soon as possible, following the precautions in the Exposure Controls / Personal Protection section. Use non-flammable absorbent materials or appropriate techniques such as pumping. Whenever possible or see fit, dig out the contaminated soil from the area. Place contaminated items in disposable containers and dispose of them in accordance with regulations. In the event of a spill of heated substance, allow it to cool before handling by disposal methods.

6.2. Environmental measures

Environmental measures Apply appropriate protective measures to prevent spilled material from entering water sources, watercourses, drains, soil. The product contains a substance that is very toxic to aquatic organisms. The release of large quantities to nature may cause environmental pollution. The environmental authority must be notified for all significant spills. If the product reaches the water or sewage system, inform the relevant authorities.

6.3. Methods and materials for containment and cleaning

Spill removal methods Provide adequate ventilation. Remove all sources of flame from the environment. Small
For spills: Stop leak if not at risk. Remove sources of leak from area. Absorb with inert dry material and place in a suitable waste disposal container. Dispose through a licensed waste disposal contractor. Large spills: Stop leak if not at risk. Remove sources of leak from area. Approach with the wind behind you. Prevent from entering drains, water sources, basements or confined areas. Wash the spillage in a waste water treatment facility or proceed as follows. Collect spills with non-flammable, absorbent material and store in packaging according to legal regulations. Dispose of via a licensed waste disposer. Contaminated absorbent material may present hazard similar to spilled product. Inform authorities in case of large spillages.

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.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions

Wear protective clothing as shown in Section 8 of this Safety Data Sheet. Do not swallow. It should not be flushed with the mouth. Avoid contact with skin, eyes and clothing. Do not breathe dust or mist. Avoid release to the environment. Store only in the original packaging or an alternative packaging that has been approved to be compatible with the material, keep containers closed when not in use. Product residues left in emptied containers can be dangerous. Do not reuse empty containers.

Advice on general occupational hygiene

Avoid breathing the vapor / mist of the product. Proper ventilation should be provided in the areas where the product is used. Do not eat, drink or smoke anything while using this product. Eye wash units and emergency shower facilities should be available when working with this product. Wash contaminated skin thoroughly after handling. Take off immediately all contaminated clothing and wash before reuse. Remove contaminated clothing and protective equipment before entering eating areas. Good personal hygiene procedures should be followed.

7.2. Conditions for safe storage, including any incompatibilities

Storage measures

Store in accordance with local regulations. Keep only in the original container in a cool, well-ventilated place. Protect from freezing and direct sunlight. Keep away from incompatible materials (see Chapter 10).

Storage class

Chemical storage.

7.3. Specific end use (s)

Specific end use (s)

The identified uses for this product are detailed in Section 1.2. It should be used as specified in the

Directions for use

product data sheet.

SECTION 8: Exposure Controls / personal protection

8.1. Control parameters

Occupational exposure limits

No other information is available.

Distillates (petroleum), hydrogen treated heavy paraffinic base oil

There is no suitable information.

Distillates (petroleum), solvent polished heavy paraffinic

TWA: Workplace exposure limits 5 mg / m³

8 hours

STEL: Short term exposure limit 10 mg / m³

15 minutes.

Distillates (petroleum), hydrogen treated heavy paraffinic

TLV / TWA

EU OEL

5 mg / m³

8 hours

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Content notes	No other information is available.
Biological limit values	No other information is available.
DNEL	No other information is available.
DMEL	No other information is available.
PNEC	No other information is available.

Distillates (petroleum), hydrogen treated heavy paraffinic base oil (CAS: 64742-54-7)

Content notes	There is no suitable information.
Biological limit values	There is no suitable information.
DNEL	Staff - Breathing; 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	There is no suitable information.
PNEC	There is no suitable information.

Bis (nonylphenyl) amine (CAS: 36878-20-3)

PNEC	That; 0.1 mg / l
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8.2. Exposure controls Protective

equipment



Proper engineering controls

Consider the potential risks of this substance (see Section 2), appropriate exposure limits, work activities and other substances in the workplace when determining engineering controls and selecting personal protective equipment. If engineering controls and work practices are not sufficient to prevent exposure to harmful levels of this substance, the use of personal protective equipment specified in this section is recommended. The user must read and understand all instructions and restrictions supplied with the equipment, although protection is usually provided for a limited time or under certain conditions. Provide adequate ventilation.

Personal protection

Personal protective equipment (PPE) should meet recommended national standards. Check with PPE suppliers. Keep away from foodstuffs, food and drink. Instantly remove contaminated and soaked clothing. Wash hands during breaks and after work. Store protective equipment separately.

Eye / Face protection

Under normal conditions, eye protection equipment is not required. Wear goggles with side lenses for safe work when there is a risk of splashing. If this material is heated, use chemical goggles, goggles or a face shield. (EN 166)

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Hand protection	Follow good industrial hygiene rules.
Other skin and body protection	Avoid contact with skin. Personal protective equipment for the body should be selected depending on the work being done and this risk, and approved by a specialist before using this product.
Health measures	Good personal hygiene procedures should be followed. Wash hands thoroughly after handling. Take off contaminated clothing and wash before reuse. Remove contaminated clothing and protective equipment before entering eating areas. Eye wash units and emergency shower facilities should be available when working with this product.
Respiratory system preservation	If there is potential to exceed exposure limits, wear appropriate respiratory protection. Select respirator according to suitability to ensure adequate worker safety for given working conditions and airborne contaminant level. Seek professional advice prior to gas mask selection and use.
Thermal damages	If there is danger of contact with hot product, all protective equipment suitable for use with high temperatures should be used. All personal protective equipment must be suitable for use at low temperatures if there is a risk of contact with refrigerated products.
Environmental exposure controls	Compliance of ventilation emissions and work process equipment with environmental protection legislation requirements should be checked. In some cases, technical changes to fume cleaners, filters or process equipment are required to reduce emissions to acceptable levels. Store in a confined area surrounded by a bund to prevent leakage into drains and / or water sources. Containers should be kept tightly sealed when not in use.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties Appearance

	Liquid.
Color	Brown.
Smell	Odorless or very light like petroleum oil
Odor threshold	There is no specific test data available.
pH	Scientifically unjustified.
Melting point / freezing point	There is no specific test data available.
Initial boiling point and boiling range	There is no specific test data available.
Flash point	~ 230 ° C Cleveland open cup. There is no
Evaporation rate	specific test data available. There is no specific
Evaporation factor	test data available. There is no suitable
Flammability (solid, gas)	information.
Upper / Lower flammability or explosive limits	There is no suitable information.
Other flammability	There is no suitable information.

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Vapor pressure	There is no suitable information.
Vapor density	There is no suitable information.
Relative density	There is no suitable information.
Volumetric density	~ 0,84 @ 15C g / ml It is
Resolution (s)	insoluble in water.
Partition coefficient	There is no suitable information.
Self ignition temperature	There is no suitable information.
Decomposition temperature	There is no suitable information.
Viscosity	There is no specific test data available. There is
Explosive properties	no suitable information.
Explosive under the influence of flame	No data available.
Oxidizing properties	No data available.
Descriptions	The information given can be applied to the product as presented.
9.2. Other informations	
Other informations	Required information is not available.
Refractive index	There is no specific test data available. There is
Particle size	no specific test data available. There is no
Molecular weight	specific test data available. There is no specific
Volatility	test data available. There is no specific test data
Saturation concentration	available. There is no specific test data available.
Critical temperature	There is no specific test data available.
Volatile organic compound	

SECTION 10: Stability and reactivity

10.1. Reaction

Reaction There is no specific test data on the available reactivity of this product or its ingredients.

10.2. Chemical stability

Stability This substance is considered stable under normal environmental conditions and under the prescribed storage and handling conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Hazardous reaction will not occur under normal conditions of storage and use.

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10.4. Conditions to avoid

Conditions to avoid Avoid exposure to high heat or direct sunlight. Heat, flame and other
Avoid sources of ignition.

10.5. Incompatible materials Materials to avoid Strong acids. Strong alkalis.

10.6. Hazardous decomposition products

Hazardous decomposition products Smoke, carbon monoxide, carbon dioxide, irritating vapors and other incomplete combustion products may be released as
a result of thermal decomposition or combustion.

SECTION 11: Toxicological information

11.1. Information on toxicological effects Toxic

effects The information given is based on the data of the components and similar products.

Other health effects There is no suitable information.

Acute toxicity - oral Summary

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

Notes (oral LD₅₀) available data, the classification criteria are not met.

Acute toxicity - dermal Summary

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

Notes (dermal LD₅₀) available data, the classification criteria are not met.

Acute toxicity - inhalation

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

Notes (inhalation LC₅₀) available data, the classification criteria are not met.

Skin corrosion / irritation

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

Skin corrosion / irritation the classification criteria are not met. There is no suitable information.

Animal data

Human skin model test Extreme There is no suitable information.

pH There is no suitable information.

Serious eye damage / irritation

Summary Causes serious eye irritation. Causes

Serious eye damage / irritation serious eye irritation.

Respiratory sensitization

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

Respiratory tract sensitization available data, the classification criteria are not met.

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Skin sensitization

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

Germ cell mutagenicity

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

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

Carcinogenicity

Summary Not known.

Carcinogenicity There is no specific test data available.

Target for carcinogenicity organs There are no known specific target organs.

IARC carcinogenicity Not known.

NTP carcinogenicity Not known.

Reproductive toxicity

Summary Based on available data, the classification criteria are not met. There is no specific

Reproductive system toxicity fertility test data available.

Reproductive system toxicity developmental Required information is not available.

Specific target organ toxicity - single exposure Summary

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

BHOT- single exposure There is no specific test data available.

Target organs There are no known specific target organs.

Specific target organ toxicity - repeated exposure Summary

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

BHOT- repeated exposure There is no specific test data available.

Target organs There are no known specific target organs.

Aspiration hazard

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

Aspiration hazard available data, the classification criteria are not met.

Toxicokinetics Required information is not available.

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

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

Swallowing criteria are not met.

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Contact with skin Based on available data, the classification criteria are not met. Based on
Eye contact available data, the classification criteria are not met.
Acute and chronic health hazards Based on available data, the classification criteria are not met.
Contact ways No other information is available.
Target organs There are no known specific target organs.
Medical symptoms There is not enough information.
Medical opinions There is not enough information.

Toxicological information on ingredients

Distillates (petroleum), hydrogen treated heavy paraffinic base oil

Toxic effects The information given is based on the data of the components and similar products. Required information

Other health effects is not available.

Acute toxicity - oral Summary

Based on available data, the classification criteria are not met. LD₅₀> 5000

Notes (oral LD₅₀) (OECD 401) / API 1982a mg / kg, Oral, Rat

Acute toxicity - dermal Summary

Based on available data, the classification criteria are not met. LD₅₀> 5000

Notes (dermal LD₅₀) (OECD 402) / API 1982a mg / kg, Dermal, Rabbit

Acute toxicity - inhalation

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

Notes (inhalation LC₅₀) LC50, 4h 5.53 (OECD 403) / Exxon Biomedical Sciences, Inc. (1988a) mg / l, Inhalation, Rat

Skin corrosion / irritation

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

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

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

Human skin model test classification criteria are not met. Based on available data, the classification

Excessive pH criteria are not met.

Serious eye damage / irritation

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

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

Respiratory sensitization

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Summary	Based on available data, the classification criteria are not met. Based on
Respiratory tract sensitization	available data, the classification criteria are not met.
<u>Skin sensitization</u>	
Summary	Based on available data, the classification criteria are not met. Based on
Skin sensitization	available data, the classification criteria are not met.
<u>Germ cell mutagenicity</u>	
Summary	Based on available data, the classification criteria are not met. Based on
Genotoxicity - in vitro	available data, the classification criteria are not met. Based on available data,
Genotoxicity - in vivo	the classification criteria are not met.
<u>Carcinogenicity</u>	
Summary	Based on available data, the classification criteria are not met. Based on
Carcinogenicity	available data, the classification criteria are not met. There are no known
Target for carcinogenicity organs	specific target organs.
IARC carcinogenicity	Not listed.
NTP carcinogenicity	Not listed.
<u>Reproductive toxicity</u>	
Summary	Based on available data, the classification criteria are not met.
Reproductive system toxicity fertility	Based on available data, the classification criteria are not met.
Reproductive system toxicity developmental	Based on available data, the classification criteria are not met.
<u>Specific target organ toxicity - single exposure Summary</u>	
	Based on available data, the classification criteria are not met.
BHOT- single exposure	Based on available data, the classification criteria are not met.
Target organs	There are no known specific target organs.
<u>Specific target organ toxicity - repeated exposure Summary</u>	
	Based on available data, the classification criteria are not met.
BHOT- repeated exposure stay	Based on available data, the classification criteria are not met.
Target organs	There are no known specific target organs.
<u>Aspiration hazard</u>	

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Summary	In case of inhalation, slight irritation of the respiratory tract may occur. Fatal if it enters
Aspiration hazard	the respiratory tract and is swallowed.
Toxicokinetics	Required information is not available.
General information	Required information is not available.
Breathing	Required information is not available.
Swallowing	Required information is not available.
Contact with skin	Required information is not available.
Eye contact	Required information is not available.
Acute and chronic health hazards	Required information is not available.
Contact ways	Required information is not available.
Target organs	There are no known specific target organs. Required
Medical symptoms	information is not available.
Medical opinions	Required information is not available.

Distillates (petroleum), hydrogen treated heavy paraffinic

Carcinogenicity

Carcinogenicity This product contains mineral oils that are severely refined and not considered carcinogenic. All oils in this product have been shown to contain less than 3% extractables by the IP 346 test.

Aspiration hazard

Aspiration hazard The material may cause aspiration in the lungs during the swallowing or vomiting process. (Supplier information)

1-decene homopolymer hydrogenated

Acute toxicity - oral

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

Acute toxicity - dermal

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

Acute toxicity - inhalation

Remarks (inhalation LC₅₀) LC50> 5.2 (4h) mg / l, Inhalation, Rat

Distillates (petroleum), solvent polished heavy paraffinic

Acute toxicity - oral

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Notes (oral LD₅₀)	LD ₅₀ > 5000 mg / kg, Oral, Rat
Acute toxicity - dermal	
Notes (dermal LD₅₀)	LD ₅₀ > 5000 mg / kg, Dermal, Rabbit NOEL, Sub-acute 1000 mg / kg, Dermal, Rabbit
Acute toxicity - inhalation	
Remarks (inhalation LC₅₀)	LC50> 5.53 mg / l, 4 hours, Vapor Rat NOEL, Sub-chronic 0.15 mg / l, 13 weeks, Vapor Rat
Skin corrosion / irritation	
Skin corrosion / irritation	Moderately irritating.
Serious eye damage / irritation	
Serious eye damage / irritation	Moderately irritating.
Respiratory sensitization	
Respiratory tract sensitization	Not sensitizing.
Germ cell mutagenicity	
Genotoxicity - in vitro	Bacterial reverse mutation test: Negative. Chromosomal disorder, mammals-animal: Negative.
Reproductive toxicity	
Reproductive system toxicity fertility	Fertility - Negative. , Oral, Rat
Reproductive system toxicity developmental	Maternal toxicity: - Negative .:, Oral, Rat Developmental toxicity: - Negative .:, Oral, Rat Teratogenicity: - Negative .:, Dermal, Rat
Distillates (petroleum), hydrogen treated heavy paraffinic	
Acute toxicity - oral	
Notes (oral LD₅₀)	LD ₅₀ > 5000 mg / kg, Oral, Rat LOAEL, Sub-chronic 125 mg / kg, Oral, Rat
Acute toxicity - dermal	
Notes (dermal LD₅₀)	LD ₅₀ > 5000 mg / kg, Dermal, Rabbit NOEL, Sub-chronic 30 mg / kg, Dermal, Rat, Female NOEL, Sub-acute 1000 mg / kg, Dermal, Rabbit
Acute toxicity - inhalation	
Remarks (inhalation LC₅₀)	LC50> 5.53 mg / l, 4 hours, Vapor Rat NOEL, Sub-chronic 0.22 mg / l, 4 weeks, Dust / Fog Rat NOEL, Sub-chronic 0.15 mg / l, 13 weeks, Dust / Fog Rat
Skin corrosion / irritation	
Skin corrosion / irritation	It is not irritating.
Serious eye damage / irritation	
Serious eye damage / irritation	It is not irritating.

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Skin sensitization

Skin sensitization Not sensitizing.

Germ cell mutagenicity

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

Carcinogenicity

Carcinogenicity 78 weeks, Negative., Dermal, Mouse

Reproductive toxicity

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

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

Bis (nonylphenyl) amine

Acute toxicity - oral

Notes (oral LD₅₀) LD₅₀> 5000 mg / kg, Oral, Rat LOAEL, Sub-chronic 100 mg / kg, Oral, Rat

Acute toxicity - dermal

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

Skin corrosion / irritation

Skin corrosion / irritation Moderately irritating.

Skin sensitization

Skin sensitization Not sensitizing.

Germ cell mutagenicity

Genotoxicity - in vitro Bacterial reverse mutation test: Negative. Chromosome disorder: Negative. Gene mutation: Negative.

Reproductive toxicity

Reproductive system toxicity developmental Teratogenicity: -: Negative., Oral, Rat

Phosphorodithioic acid, O, O-bis (1, 3-dimethylbutyl and iso-Pr) esters mixture, 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

Remarks (inhalation LC₅₀) LC50> 2.3 mg / l, 4 hours, Vapor Rat

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Skin corrosion / irritation

Skin corrosion / irritation Causes skin irritation.

Serious eye damage / irritation

Serious eye damage / irritation Causes serious eye irritation.

Skin sensitization

Skin sensitization Not sensitizing.

Germ cell mutagenicity

Genotoxicity - in vitro Bacterial reverse mutation test: Negative. Gene mutation: Positive. Micronucleus Test: Negative.

Reproductive toxicity

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

Reproductive system toxicity developmental Maternal toxicity: -: Negative., Oral, Rat Developmental toxicity: -: Negative., Oral, Rat

Long chain olefin sulphides

Acute toxicity - oral

Notes (oral LD₅₀) LD₅₀> 2000 mg / kg, Oral, Rat NOAEL, Sub-acute 1000 mg / kg, Oral, Rat

Acute toxicity - dermal

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

Skin corrosion / irritation

Skin corrosion / irritation Slightly irritating.

Serious eye damage / irritation

Serious eye damage / irritation Slightly irritating.

Skin sensitization

Skin sensitization Not sensitizing.

Germ cell mutagenicity

Genotoxicity - in vitro Bacterial reverse mutation test: Negative. Gene mutation, mammals-animal: Negative. Chromosome disorder: Negative.

Reproductive toxicity

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

Reproductive system toxicity developmental Maternal toxicity: -: Negative., Oral, Rat Developmental toxicity: -: Negative., Oral, Rat

Phenol, dodecyl-, sulphurised, carbonates, calcium salts, high base

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Acute toxicity - oral

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

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀> 2000 mg / kg, Dermal, Rabbit NOAEL, Sub-acute 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, mammals-animal: Negative.

Reproductive system toxicity

Reproductive system toxicity Teratogenicity: -: Negative., Oral, Rat
developmental

phenol, (tetrapropenyl) derivatives

Acute toxicity - oral

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

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ 15000 mg / kg, Dermal, Rabbit

Skin sensitization

Skin sensitization Not sensitizing.

Germ cell mutagenicity

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

Reproductive system toxicity

Reproductive system toxicity Fertility - Positive., Oral, Rat
fertility

Reproductive system toxicity Maternal toxicity: -: Positive., Oral, Rat Developmental toxicity: -: Positive., Oral, Rat
developmental

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

Acute toxicity - oral

Notes (oral LD₅₀) LD₅₀> 2000 mg / kg, Oral, Rat NOAEL, Sub-acute 100 mg / kg, Oral, Rat

Acute toxicity - dermal

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

Acute toxicity - inhalation

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Notes (inhalation LC₅₀) LC50> 1.6 mg / l, 4 hours, Vapor Rat

Skin corrosion / irritation

Skin corrosion / irritation Corrosive to the skin.

Serious eye damage / irritation

Serious eye damage / irritation Causes serious eye irritation.

Skin sensitization

Skin sensitization Not sensitizing.

Germ cell mutagenicity

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

Reproductive system toxicity

Reproductive system toxicity fertility Fertility - Negative., Dermal, Rat

Reproductive system toxicity developmental Maternal toxicity: -: Positive., Dermal, Rat Developmental toxicity: -: Negative.,
Dermal, Rat

2,6-di-tert-butyl-p-cresol

Reproductive toxicity

Reproductive system toxicity developmental 6-13 days of gestation to pregnant mice No teratogenic effect was observed when di-tert-butyl-p-cresol was fed up to 800 mg / kg / day after days.

SECTION 12: Ecological information

Ecotoxicity Long-lasting, harmful effect in the aquatic environment.

Ecological information on ingredients

Distillates (petroleum), hydrogen treated heavy paraffinic base oil

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

12.1. Toxicity

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

Acute aquatic toxicity

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

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

Acute toxicity - aquatic invertebrates the classification criteria are not met.

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

Acute toxicity microorganisms available data, the classification criteria are not met.

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

Chronic aquatic toxicity

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

Chronic toxicity- in fish early life stage information is not available.

Short term toxicity - embryo and early larval stages Required information is not available.

Chronic toxicity- aquatic invertebrates Based on available data, the classification criteria are not met.

Toxicity to soil Required information is not available.

Toxicity to terrestrial plants Ecological Required information is not available.

information on ingredients

Distillates (petroleum), hydrogen treated heavy paraffinic base oil

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 (Golyan Fish)

Acute toxicity - aquatic invertebrates LL₅₀, 24 (OECD 202) hours:> 10000 mg / l, Aquatic shrimp EL50, 24 (OECD 202) hours:> 10000 mg / l, Water flea

Acute toxicity - aquatic plants Required information is not available.

Acute toxicity microorganisms LL₅₀:> 100 mg / l, Micro-organisms

Acute toxicity - on land living organisms Required information is not available.

Chronic aquatic toxicity

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

Chronic toxicity- in fish early life stage Required information is not available.

Short term toxicity embryo and early larval stages Required information is not available.

Chronic toxicity- aquatic invertebrates Required information is not available.

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Toxicity to soil Required information is not available.

For terrestrial plants toxicity Required information is not available.

Distillates (petroleum), hydrogen treated heavy paraffinic

Acute aquatic toxicity

Acute toxicity - aquatic invertebrates EC₅₀, 2 days:> 10000 mg / l, Water flea EC₅₀, 21 days:> 10 mg / l, Water flea NOEC, 21 days: 10 mg / l, Damp

1-decene homopolymer hydrogenated

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours:> 1000 mg / l, Salmo gairdneri (Rainbow trout) LC₅₀, 96 hours:> 750 mg / l, Kocabaş carp

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 190 mg / l, Daphnia Magna

Acute toxicity - aquatic plants NOELR, 72 hours: 1000 mg / l, Selenastrum capricornutum, Test Method: OECD 201

Distillates (petroleum), solvent polished heavy paraffinic

Acute aquatic toxicity

Acute toxicity - fish LL₅₀, 96 hours:> 100 mg / l, Pimephales promelas (Golyan Fish)
NOEL, chronic, 14 days: 1000 mg / l, Oncorhynchus mykiss (rainbow trout)

Acute toxicity - aquatic invertebrates EL50, 48 hours:> 10000 mg / l, daphnia

Chronic aquatic toxicity

Chronic toxicity- aquatic invertebrates NOEL, 21 days: 10 mg / l, Water flea
NOEL, 72 hours:> = 100 mg / l, Pseudokirchneriella subcapitata

Distillates (petroleum), hydrogen treated heavy paraffinic

Acute aquatic toxicity

Acute toxicity - fish LL₅₀, 96 hours:> 100 mg / l, Pimephales promelas (Golyan Fish)
NOEL, chronic, 14 days: 1000 mg / l, Oncorhynchus mykiss (rainbow trout)

Acute toxicity - aquatic invertebrates EL50, 48 hours:> 10000 mg / l, daphnia

Chronic aquatic toxicity

Chronic toxicity- aquatic invertebrates NOEL, 21 days: 10 mg / l, Water flea
NOEL, 72 hours:> = 100 mg / l, Pseudokirchneriella subcapitata

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Acute aquatic toxicity

Acute toxicity - fish LL₅₀, 96 hours:> 100 mg / l, Danio rerio (Zebrafish) EL50, 48

Acute toxicity - aquatic invertebrates hours:> 100 mg / l, Water flea

Acute toxicity - aquatic plants EL50, 72h: 100 mg / l, Desmodosmus subspicatus

Acute toxicity microorganisms IC₅₀, 3 hours:> 100 mg / l, Micro-organisms

Chronic aquatic toxicity

Chronic toxicity- aquatic invertebrates NOEL, 72 hours:> 10 mg / l, Algae

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

Acute aquatic toxicity

Acute toxicity - fish LL₅₀, 96 hours: 4.5 mg / l, Oncorhynchus mykiss (rainbow trout) EL50, 48 hours: 23

Acute toxicity - aquatic invertebrates mg / l, daphnia

Acute toxicity - aquatic plants EL50, 72h: 24 mg / l, Desmodosmus subspicatus

Acute toxicity microorganisms EL50, 3 hours:> 10000 mg / l, Micro-organisms

Chronic aquatic toxicity

Chronic toxicity- aquatic invertebrates NOEL, 21 days: 0.4 mg / l, Water flea
NOEC, 72 hours: 10 mg / l, Desmodosmus subspicatus

Long chain olefin sulphides

Acute aquatic toxicity

Acute toxicity - fish LL₅₀, 96 hours:> 100 mg / l, Oncorhynchus mykiss (rainbow trout) EL50, 48 hours:>

Acute toxicity - aquatic invertebrates 100 mg / l, daphnia

Acute toxicity - aquatic plants EL50, 72h:> 100 mg / l, Pseudokirchneriella subcapitata

Chronic aquatic toxicity

Chronic toxicity- aquatic invertebrates NOEL, 72h: 100 mg / l, Pseudokirchneriella subcapitata

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

Acute aquatic toxicity

Acute toxicity - fish LL₅₀, 96 hours:> 1000 mg / l, Pimephales promelas (Golyan Fish)

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Acute toxicity - aquatic invertebrates EL50, 48 hours:> 1000 mg / l, daphnia

Acute toxicity - aquatic plants EL50, 96 hours:> 500 mg / l, Desmodemus subspicatus

Acute toxicity microorganisms EL50, 3 hours:> 10000 mg / l, Micro-organisms

phenol, (tetrapropenyl) derivatives

Acute aquatic toxicity

L (E) C₅₀ 0.01 <L (E) C₅₀ ≤ 0.1 10

M factor (acute)

Acute toxicity - fish LL₅₀, 96 hours: 40 mg / l, Pimephales promelas (Golyan Fish) EL50, 48 hours:

Acute toxicity - aquatic invertebrates 0.037 mg / l, Water flea

Acute toxicity - aquatic plants EL50, 72h: 0.36 mg / l, Desmodemus subspicatus
NOEL, 72 hours: 0.07 mg / l, Desmodemus subspicatus

Acute toxicity microorganisms EL50, 3 hours:> 1000 mg / l, Micro-organisms

Chronic aquatic toxicity

M factor (chronic) 10

Chronic toxicity- aquatic invertebrates NOEL, 21 days: 0.0037 mg / l, Water flea

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

Acute aquatic toxicity

L (E) C₅₀ 0.1 <L (E) C₅₀ ≤ 1 1

M factor (acute)

Acute toxicity - fish LC₅₀, 96 hours: 0.876 mg / l, Danio rerio (Zebrafish) EL50, 48 hours:

Acute toxicity - aquatic invertebrates 0.39 mg / l, Water flea

Acute toxicity - aquatic plants EL50, 72h: 0.41 mg / l, Pseudokirchneriella subcapitata
NOEL, 72h: 0.31 mg / l, Pseudokirchneriella subcapitata

Acute toxicity microorganisms EL50, 5 hours:> 2 mg / l, Micro-organisms

Chronic aquatic toxicity

Chronic toxicity- in fish early life stage NOEC, 10 days: 0.16 mg / l, Pimephales promelas (Golyan Fish)

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Chronic toxicity- aquatic invertebrates NOEC, 21 days: 0.77 mg / l, daphnia

2,6-di-tert-butyl-p-cresol

Acute aquatic toxicity

L (E) C₅₀ 0.1 <L (E) C₅₀ ≤ 1 l

M factor (acute)

Acute toxicity - aquatic invertebrates EC₅₀, 2 days: 0.48 mg / l, Water flea

Chronic aquatic toxicity

M factor (chronic) one

12.2. Persistence and degradability

Persistence and degradability There is no information on the degradability of the product. There is no

Phototransformation specific test data available.

Stability (hydrolysis) There is no specific test data available. There is

Biodegradation no specific test data available. There is no

Biological oxygen demand specific test data available. There is no specific

Chemical oxygen demand test data available.

Ecological information on ingredients

Distillates (petroleum), hydrogen treated heavy paraffinic base oil

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

Phototransformation Insufficient data.

Stability (hydrolysis) Insufficient data.

Biodegradation Insufficient data.

Biological oxygen demand Insufficient data.

Chemical oxygen demand Insufficient data.

Distillates (petroleum), hydrogen treated heavy paraffinic

Biodegradation Oxygen discharge - 31%: 28 days, OECD TG 301 F

1-decene homopolymer hydrogenated

Biodegradation It is expected to be inherently biodegradable. (Supplier information)

Distillates (petroleum), solvent polished heavy paraffinic

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Biodegradation OECD 301 F - 31%: 28 days

Distillates (petroleum), hydrogen treated heavy paraffinic

Biodegradation OECD 301 F - 31%: 28 days

Bis (nonylphenyl) amine

Biodegradation OECD 301 B - 1: 28% days

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

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

Long chain olefin sulphides

Biodegradation OECD 301 B - 45%: 28 days

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

Biodegradation OECD 301 B - 13.4%: 28 days

phenol, (tetrapropenyl) derivatives

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

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

Biodegradation - 95%: 28 days

2,6-di-tert-butyl-p-cresol

Biodegradation Dissolved organic carbon (DOC) - 30%: 14 days, OECD TG 302 C Oxygen discharge - 4.5%: 28 days, OECD TG 301 C

12.3. Bioaccumulative potential

Bioaccumulative potential There is no specific test data available. There is

Partition coefficient no suitable information.

Ecological information on ingredients

Distillates (petroleum), hydrogen treated heavy paraffinic base oil

Bioaccumulative potential Insufficient data.

Partition coefficient Insufficient data.

1-decene homopolymer hydrogenated

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Bioaccumulative potential Bioaccumulation is not expected. (Supplier information)

Bis (nonylphenyl) amine

Bioaccumulative potential log Pow: 3.64-7.02, BCF: 1730,

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

Bioaccumulative potential log Pow: 0.56,

phenol, (tetrapropenyl) derivatives

Bioaccumulative potential BCF: 289-1601,

2,6-di-tert-butyl-p-cresol

Partition coefficient log Kow: 5.03

12.4. Mobility in soil

Mobility No data available.

Adsorption / desorption coefficient There is no specific test data available.

Henry's law constant There is no specific test data available. There is

Surface tension no specific test data available.

Ecological information on ingredients

Distillates (petroleum), hydrogen treated heavy paraffinic base oil

Mobility No data available.

Adsorption / desorption coefficient Insufficient data.

Henry's law constant Insufficient data.

Surface tension Insufficient data.

12.5. Results of PBT and vPvB assessment

PBT and vPvB results of the assessment Not applicable.

Ecological information on ingredients

Distillates (petroleum), hydrogen treated heavy paraffinic base oil

PBT and vPvB of evaluation results It is not relevant.

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12.6. Other adverse effects Other

adverse effects No other information is available.

Ecological information on ingredients

Distillates (petroleum), hydrogen treated heavy paraffinic base oil

Other adverse effects This product contains components that have an aquatic effect. Prevent from entering soil, rivers and sewers.

SECTION 13: Disposal considerations

13.1. Waste treatment methods General

information Waste generation should be minimized or avoided wherever possible. Wastes, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated appropriate containers and labeled according to their contents. Dispose of waste in a licensed waste disposal facility in accordance with the requirements of the local Waste Disposal Authorities.

Waste treatment methods Avoid spillage or runoff entering drains, sewers or watercourses. The disposal of this product, process solutions, residues and by-products must always comply with environmental protection requirements, waste disposal legislation and requirements of local authorities. Reuse or recycle products wherever possible. Dispose of contents / container according to national regulations. During the handling of wastes, the safety precautions applied for the handling of the product should be taken into account.

Waste class Waste code classification should be carried out according to the European Waste Catalog (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 shipment notes Not classified.

Railway shipment notes Not classified.

Sea shipment notes Air Not classified.

shipment notes Not classified.

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class (es)

There is no required transport warning sign.

Shipping labels

There is no required transport warning sign.

14.4. Packing group

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Not applicable.

14.5. Environmental damages

14.6. Special precautions for user

Make sure that the people who ship the product know what to do in the event of an accident or spill. Always transport in closed containers upright and securely.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

MARPOL 73/78 Annex II and IBC Not applicable.

pouring by code

transportation

SECTION 15: Regulatory information

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

National regulations

Republic of Turkey Ministry of Environment and Urbanization, Regulation on Classification, Labeling and Packaging of Substances and Mixtures, dated December 11, 2013, No.

Republic of Turkey Ministry of Environment and Urbanization Regulation on Safety Data Sheets Regarding Hazardous Substances and Mixtures

TR Ministry of Environment and Urbanization Guide to Safe Storage of Chemicals

Republic of Turkey Ministry of Labor and Social Security, Regulation on the Use of Personal Protective Equipment at Workplaces, dated 2 July 2013 and numbered 28695

EU legislation

Republic of Turkey Ministry of Labor and Social Security, Regulation on Health and Safety Measures in Working with Chemicals, dated 12 August 2013 and numbered 28733

<https://echa.europa.eu>

Guide

Safety Data Sheet for substances and preparations.

Permits (KKDIK regulation numbered 30105, Annex-14)

There is no known specific registration for this product.

Restrictions (No. 30105 KKDIK regulation, Annex-17)

There are no known restrictions on the use of this product.

SECTION 16: Other information

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**In the safety data sheet
used abbreviations and
acronyms**

EU: European Union DMSO:
Dimethyl sulfoxide
PPE: Personal protective equipment
TC: Republic of Turkey
TWA: Workplace exposure limits. UZEM: National
Poison Information Center CAS: Chemical
Abstracts Service. GHS: Global Harmonized
System.
IATA: International Air Transport Association. PBT: Persistent,
Bioaccumulative and Toxic substance.
REACH: EU Regulation (EC) No 1907/2006 on Registration, Evaluation, Authorization and Restriction of
Chemicals.
RID: European Agreement Relating to the International Carriage of Dangerous Goods by Rail. vPvB: Very Persistent, Very
Bioaccumulative.
MARPOL 73/78: International Convention for the Prevention of Pollution from Ships of 1973, as amended by the 1978
Protocol.
NOEC: No-Effect Concentration.
EC₅₀: Effective Concentration of the substance causing 50% maximum response.

Abbreviations and acronyms

Asp. Full. = Aspiration hazard Eye Irrit.
= Eye irritation
Aquatic Chronic = Harmful to the aquatic environment (chronic) Acute
Tox. = Acute toxicity
BHOT Again. Mrz. = Specific Target Organ Toxicity - Repeated exposure Aquatic Acute = Harmful to the
aquatic environment (acute)

General information

Only trained personnel should use this material. This document contains important information for the safe storage,
transport and use of this product. The information in this document should be brought to the attention of the person
responsible for security issues in your organization. Uses and Restrictions: This product should not be used outside
of the applications recommended in Section 1 without the prior recommendation of the supplier. This product is not
used as a solvent or cleaning agent to set fire or to make it brighter and to clean the skin. Material Safety Data Sheet
Distribution: The information in this document should be made available to all persons who can handle this product.
Disclaimer: This information is based on our current knowledge and the product is described for the purpose of
health, safety and environmental requirements only.

**Main literature references and sources of
information**

This SDS is based on the information received from our raw material suppliers.

Dated December 11, 2013 and 28848

Not classified as physically hazardous. Eye Irrit. 2- H319, Aquatic Chronic 3- H412:

**According to the regulation numbered
classification conditions**

Calculation method., Supplier information

Education advice

Untrained personnel should not be used.

Revision comments by

This is the first arrangement.

Sevda ŞAHAN Certified Safety Data Sheet Maker (Certificate No: GBF01.23.08; Date:
03.11.2018-03.11.2021)

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How many regulations	0
Preparation date	01.08.2020
SDS No	20749
All of the hazard statements	<p>H304 Fatal if swallowed and enters respiratory tract. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation.</p> <p>H318 Causes serious eye damage. H319 Causes serious eye irritation.</p> <p>H360 May cause damage to the unborn child or damage fertility if swallowed. H400 Very toxic to aquatic environment.</p> <p>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.</p> <p>H413 May cause long lasting harmful effects to aquatic environment.</p>

This information relates only to a specific specific substance and should not be used in a composition or any process where the same substance is used in combination with other substances. This information is accurate and reliable as of the date specified, within the firm's high level knowledge and opinion. However, no warranty or representation can be made for its accuracy, reliability or completeness. It is the user's own responsibility to be satisfied that this information is suitable for his own use.