



Part I
SAFETY DATA SHEET
MAXIMA K 5W30

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 K 5W30
Item number 11218

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

Engine oil.

Uses not recommended Use only for the intended purpose.

1.3. Information of the safety data sheet supplier

Supplier PETROL OFİSİ A.Ş.
Ünalın 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



Warning word Attention

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Hazard Statements	H319 Causes serious eye irritation. H412 Harmful to aquatic life with long lasting effects.
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 / vapor / spray. P273 Avoid release to the environment. P501 Dispose of contents / container in accordance with national regulations.

2.3. Other damages

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

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Distillates (petroleum), hydrogen treated heavy paraffinic base oil	80-95%	
CAS number: 64742-54-7	EC number: 265-157-1	REACH registration number: 012119484627-25-0065

Classification
Asp. Full. 1- H304

Mineral Oil	1-5%
CAS number: 64742-55-8	

Classification
Not classified as harmful

Distillates (petroleum), solvent polished heavy paraffinic	1-5%
CAS number: 64742-65-0	EC number: 265-169-7

Classification
Not classified as harmful

Distillates (petroleum), hydrogen treated heavy paraffinic	1-5%
CAS number: 64742-54-7	EC number: 265-157-1

Classification
Not classified as harmful

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Phosphorodithioic acid, O, O-bis (1, 3-dimethylbutyl and iso-Pr) esters mixture, 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	
Bis (nonylphenyl) amine	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, high base	<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. Fog. Full. 1B- H360 Aquatic Acute 1- H400 Aquatic Chronic 1- H410	

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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 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 If the REACH registration numbers are not visible, the substance is either exempted from registration, the minimum volume threshold for registration cannot meet, the registration date has not yet come, or this information is registered information. 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.
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. If symptoms are severe or persistent, seek medical attention.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Open and close the eyelids occasionally during the washing process. Seek medical help immediately.
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

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General information See Section 11 for additional information on health hazards. There are

Breathing no specific symptoms known. There are no specific symptoms known.

Swallowing There are no specific symptoms known. Causes serious eye irritation.

Skin contact

Eye contact

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

Information to be given to the doctor The effect of decomposition products that may be released during fire may be delayed. The exposed person may need to be under medical observation for 48 hours.

Special treatments Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Fire extinguishers

Suitable extinguishing agents Use a suitable extinguishing agent to extinguish the fire. Using water jet may be

Unsuitable extinguisher substances inconvenient.

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

Not known.

Harmful combustion products Carbon dioxide (CO₂). Carbon monoxide (CO). Hydrogen sulfide (H₂S). Metal oxide (s). Nitrogen oxides. Phosphorus oxides.

5.3. Advice for firefighters

During fire fighting preservative to be taken measures Clear the area. Without proper training or in any action involving personal danger should not be found.

For firefighters Positive pressure self-contained breathing apparatus and suitable protective clothing

special protective equipment 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.

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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.

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. Keep only in the original packaging or in 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.

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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). Containers that have been opened must be handled carefully and kept upright to prevent leakage. Do not store in unlabeled containers. Store in a way that prevents release to the environment. NOTE: Exposure to extreme temperatures may increase the likelihood of H₂S and mercaptan formation.

Storage class

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

Base Oil- respirable 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), hydrogen treated heavy paraffinic base oil

There is no suitable information.

Mineral Oil

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

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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DNEL 64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic DNEL: 2.7 (8h) mg / m³
(long term inhalation working systemic) DNEL: 5.4 (8h) mg / m³ (long term inhalation
working local) DNEL : 1.2 (24h) mg / m³ (long term inhalation consumer local) DNEL:
0.74 (24h) mg / kg / day (long term oral consumer systemic) DNEL: 1.0 (8h) mg / kg (long
term inhalation consumer local) period dermal working systemic)

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.

8.2. Exposure controls Appropriate

engineering controls	Since the product contains components with exposure limits; If dust, smoke, gas, vapor or fog is generated during use, the process area, local exhaust ventilation or other technical controls must be applied to keep worker exposure below legal or recommended limits. There should be adequate general ventilation to control workers' exposure to air pollution.
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)
Hand protection	Protective gloves: Nitrile gloves should have a minimum thickness of 0.4 mm and the expected contact time is 480 minutes, depending on the frequency of contact during use. or less. This information does not replace conformity tests performed by the end user. Because the protection of the glove may vary depending on the usage conditions of the product. 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.

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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	~ 232 ° 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.
Vapor pressure	There is no suitable information.
Vapor density	There is no suitable information.

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Relative density	There is no suitable information.
Volumetric density	~ 0,85 @ 15°C 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	> 22.5 cSt @ 40 ° C No data available.
Explosive properties	
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.

10.4. Conditions to avoid

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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 oxidizing agents. Strong reducing agents.

10.6. Hazardous decomposition products

Hazardous decomposition products Mercaptans. Hydrogen sulfide (H₂S). Sulphurous gases (SO_x). Smoke, carbon monoxide, carbon dioxide, irritating vapors
and other incomplete combustion products may be released as a result of thermal decomposition or combustion.
Methacrylates.

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

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

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

Skin corrosion / irritation It is not classified as a primary skin irritant. Prolonged or repeated contact may cause skin irritation, redness
and dermatitis. Prolonged skin contact may cause temporary irritation.

Animal data There is no suitable information.

Human skin model test Extreme There is no suitable information.

pH There is no suitable information.

Serious eye damage / irritation Summary

Summary Causes serious eye irritation. Causes

Serious eye damage / irritation serious eye irritation.

Respiratory sensitization Summary

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

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Respiratory tract sensitization

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

Skin sensitization

Summary

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

Skin sensitization

available data, the classification criteria are not met.

Germ cell mutagenicity

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.

Carcinogenicity

Summary

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

Carcinogenicity

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

Target for carcinogenicity organs

the classification criteria are not met.

IARC carcinogenicity

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

NTP carcinogenicity

available data, the classification criteria are not met.

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. May be fatal if swallowed

Aspiration hazard

and if it enters the respiratory tract.

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Toxicokinetics	Required information is not available.
General information	The information given is based on the data of the components and similar products. May be
Breathing	harmful if inhaled.
Swallowing	Aspiration hazard if swallowed.
Contact with skin	The product is not expected to have an abrasion / irritation effect due to skin contact. Harmful effects may be observed as a result of prolonged and high dosage contact.
Eye contact	May cause serious eye irritation.
Acute and chronic health hazards	There is not enough data.
Contact ways	Ingestion Inhalation Skin and / or eye contact.
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.
<u>Acute toxicity - oral Summary</u>	
	Based on available data, the classification criteria are not met. LD ₅₀ > 5000
Notes (oral LD₅₀)	(OECD 401) / API 1982a mg / kg, Oral, Rat
<u>Acute toxicity - dermal Summary</u>	
	Based on available data, the classification criteria are not met. LD ₅₀ > 5000
Notes (dermal LD₅₀)	(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)	LC50, 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. 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.

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Excessive 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. Based on
Serious eye damage / irritation	available data, the classification criteria are not met.
<u>Respiratory sensitization</u>	
Summary	Based on available data, the classification criteria are not met.
Respiratory tract sensitization	Based on 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.

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Specific target organ toxicity - repeated exposure Summary

	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>	
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.

Mineral Oil

Carcinogenicity

Summary	The base oils in the product contain less than 3% DMSO according to IP 346.
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Specific target organ toxicity - single exposure

BHOT- single exposure	If the material is misted or vapors are generated by heating, exposure may cause irritation to mucous membranes and upper respiratory tract. (Supplier information)
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Aspiration hazard

Aspiration hazard	The material may cause aspiration in the lungs during the swallowing or vomiting process. (Supplier information)
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Distillates (petroleum), solvent polished heavy paraffinic

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-acute 1000 mg / kg, Dermal, Rabbit

Acute toxicity - inhalation

Remarks (inhalation LC₅₀) LC₅₀> 5.53 mg / l, 4 hours, Vapor Rat NOAEL, 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) LD₅₀> 5000 mg / kg, Oral, Rat LOAEL, Sub-chronic 125 mg / kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀> 5000 mg / kg, Dermal, Rabbit NOAEL, Sub-chronic 30 mg / kg, Dermal, Rat, Female NOAEL, Sub-acute 1000 mg / kg, Dermal, Rabbit

Acute toxicity - inhalation

Remarks (inhalation LC₅₀) LC₅₀> 5.53 mg / l, 4 hours, Vapor Rat NOAEL, Sub-chronic 0.22 mg / l, 4 weeks, Dust / Fog Rat NOAEL, Sub-chronic 0.15 mg / l, 13 weeks, Dust / Fog Rat

Skin corrosion / irritation

Skin corrosion / irritation Moderately irritating.

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Serious eye damage / irritation

Serious eye damage / irritation Moderately irritating.

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

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

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

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

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

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

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

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

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

Interchangeable 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-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.

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Reproductive toxicity

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

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

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

Remarks (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

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 Long-lasting, harmful effect in the aquatic environment.

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Acute aquatic toxicity

Summary Long-lasting, harmful effect in the aquatic environment. There is no

Acute toxicity - fish specific test data available.

Acute toxicity - aquatic invertebrates There is no specific test data available.

Acute toxicity - aquatic plants There is no specific test data available. There is

Acute toxicity microorganisms no specific test data available.

Acute toxicity - terrestrial organisms There is no specific test data available.

Chronic aquatic toxicity

Summary There is no specific test data available. 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 There is no specific test data available.

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.

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Chronic aquatic toxicity

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

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

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

Chronic toxicity- aquatic Required information is not available.
invertebrates

Toxicity to soil Required information is not available.

For terrestrial plants Required information is not available.
toxicity

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 EL50, 48 hours:> 10000 mg / l, daphnia
invertebrates

Chronic aquatic toxicity

Chronic toxicity- aquatic NOEL, 21 days: 10 mg / l, Water flea
invertebrates 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 EL50, 48 hours:> 10000 mg / l, daphnia
invertebrates

Chronic aquatic toxicity

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

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)

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Acute toxicity - aquatic invertebrates EL50, 48h: 23 mg / l, Water flea

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

Bis (nonylphenyl) amine

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

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) EL50, 48 hours:>

Acute toxicity - aquatic invertebrates 1000 mg / l, Water flea

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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

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), solvent polished heavy paraffinic

Biodegradation OECD 301 F - 31%: 28 days

Distillates (petroleum), hydrogen treated heavy paraffinic

Biodegradation OECD 301 F - 31%: 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

Bis (nonylphenyl) amine

Biodegradation OECD 301 B - 1: 28% days

Long chain olefin sulphides

Biodegradation OECD 301 B - 45%: 28 days

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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

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.

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

Bioaccumulative potential log Pow: 0.56,

Bis (nonylphenyl) amine

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.

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

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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.

12.6. Other adverse effects Other

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

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).

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Road shipment notes Avoid release to the environment.

Railway shipment notes Not classified.

Sea shipment notes Air Do not leave it to the environment.

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

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.

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**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.

**Chemical safety
evaluation of**

There is no Chemical Safety Assessment practice.

SECTION 16: Other information

**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
ADR: European Agreement on the International Carriage of Dangerous Goods by Road. CAS: Chemical
Abstracts Service.
DNEL: Derived no-effect level. GHS: Global Harmonized
System.
IATA: International Air Transport Association.
ICAO: Technical Specifications for the Safe Transport of Dangerous Goods by Air. IMDG: International
Maritime Dangerous Goods.
LC50: The concentration of the substance causing 50% (half) death in the test animal group.
LD50: Dose of substance (Median Lethal Dose) that caused 50% (half) death in the test animal group.

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.
NOAEL: No Side Effects Level. NOEC: No-Effect
Concentration.

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Abbreviations and acronyms

Asp. Full. = Aspiration hazard Skin Irrit.
= Skin irritation
Aquatic Chronic = Harmful to the aquatic environment (chronic) Eye Dam.
= Eye damage
Skin Corr. = Skin abrasion
Aquatic Acute = Harmful to the aquatic environment (acute)
BHOT Single Mrz. = Specific Target Organ Toxicity - Single exposure
BHOT Again. Mrz. = Specific Target Organ Toxicity - Repeated exposure Skin Sens. = Skin sensitization
Skin Irrit. = Skin irritation Eye
Irrit. = Eye irritation Kans. = Carcinogenicity
Repr. Fog. Full. = Reproductive System Toxicity

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 According to the regulation numbered classification conditions

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

Education advice

Untrained personnel should not be used.

Revision comments by

Revised classification.

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

New date of issue

25.03.2020

How many regulations

one

Preparation date

19.02.2019

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20440

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All of the hazard statements

H304 Fatal if swallowed and enters respiratory tract. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation.

H318 Causes serious eye damage. H319

Causes serious eye irritation.

H360 May cause damage to the unborn child or damage fertility if swallowed. H400 Very toxic to aquatic environment.

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 environment.

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.