

SAFETY DATA SHEET

MAXIMARINE CYL 25

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	MAXIMARINE CYL 25		
1.2. Relevant identified uses of the substance or mixture and uses advised against Identified uses			
	Marine Engine Oil.		
Uses not recommended Use only for	or the intended purpose.		
1.3. Information of the safety data shee	t supplier		
Supplier	PETROL OFISI A.Ş.		
	Ünalan Mahallesi, Libadiye Caddesi No: 82F Kat: 2-3-4, 34700 Üsküdar / Istanbul Tel: +90 850 339		
	1919		
	Fax: +90 216 275 3854		
	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	National Poison Information Center (UZEM): 114 Emergency Health Services: 112		
SECTION 2: Hazards identification			
2.1. Classification of the substance or	mixture		
Classification TC 28848			
Physical damages	Not classified as harmful		
Health hazards	Not classified as harmful		
Environmental damages	Not classified as harmful		
2.2. Label elements			
Hazard Statements	NC Not classified as Harmful		
2.3. Other damages			
SECTION 3: Composition / information on ingredients			

3.2. Mixtures

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Distillates (petroleum), hydrogen treated heavy paraffinic 40-60%			40-60%
CAS number: 64742-54-7	EC number: 265-157-1	REACH registration number:	
		012119484627-25-0033	
Classification			
Not classified as harmful			
Highly refined mineral oil (C1	15-C50)		5-10%
CAS number: -			
Classification			
Not classified as harmful			
			- 400/
	C20-28 branched alkyl derivatives, calcium salts		5-10%
(2: 1)			
CAS number: 900185-23-1			
Classification			
Skin Sensitive. 1- H317			
Aquatic Chronic 4- H413			
Benzenesulfonic acid, methyl-, m	nono-C20-26-branched alkyl derivatives,		5-10%
calcium salts			
CAS number: 722503-69-7			
Classification			
Aquatic Chronic 4- H413			
The full text of the hazard statemen	its is given in Section 16.		
Reviews on the composition	DMSO contents of some substances are classified	d by the manufacturer as <3% according to IP 346.	
	Highly refined mineral oil (C15-50):		
	•	umbers: 265-090-8, 265-091-3, 265- 096-0, 265-097-6,	
		5-158-7, 265- 159-2, 265-160-8, 265-166-0, 265-169-7	7,265-176-5,
	276-736- 3, 276-737-9, 276-738-4, 278-012-2.		

Contains one or more of the following REACH registration numbers: 01-2119488706-23, 01-2119487067-30,01-2119487081-40, 01-2119483621-38, 01-2119480374-36, 01-2119488707-21, 01-2119467170 -45, 01-2119480375-34, 01-2119484627-25, 01- 2119480132-48, 01-2119487077-29, 01-2119489287-22, 01-2119480472-38, 01-2119471299-27, 01-2119485040-48, 01-2119555262-43, 01-2119495601-36, 01- 2119474889-13, 01-2119474878-16.

See Section 8 for occupational exposure limits.

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SECTION 4: First aid measures 41. Description of first aid measures General information Treat symptomatically. Breathing Bring the exposed person to fresh air and keep them warm and at rest in a position where they can breatly comfortably. Keep airways clear. If symptoms are severe or persistent, seek medical attention. Swallowing Do not induce vomiting because of the risk of obstructing the airways. In case of unconsciousness, do not give anyth and seek medical advice immediately. Skin contact Treat symptomatically. Eye contact Treat symptomatically. First aid workers First aid personnel should wear appropriate protective equipment during rescue. preservation 42. Most important symptoms and effects, both acute and delayed General information Treat symptomatically. Breathing Not expected to be harmful if inhaled. Contains petroleum-based mineral oil. Oil vapor may cause respiration or other pulmonary effects when inhaled by air for prolonged or repeated periods, at levels ab recommended mineral oil vapor exposure limit. Symptoms of irritation to the respiratory tract may inclu coughing and difficulty breathing. Swallowing There are no specific symptoms known.	
information Treat symptomatically. Breathing Bring the exposed person to fresh air and keep them warm and at rest in a position where they can breath comfortably. Keep airways clear. If symptoms are severe or persistent, seek medical attention. Swattowing Do not induce vomiting because of the risk of obstructing the airways. In case of unconsciousness, do not give anyth and seek medical advice immediately. Skin contact Treat symptomatically. Eye contact Treat symptomatically. First aid workers First aid personnel should wear appropriate protective equipment during rescue. preservation 42. Most important symptoms and effects, both acute and delayed General information Treat symptomatically. Breathing Not expected to be harmful if inhaled. Contains petroleum-based mineral oil. Oil vapor may cause resp irritation or other pulmonary effects when inhaled by air for prolonged or repeated periods, at levels ab recommended mineral oil vapor exposure limit. Symptoms of irritation to the respiratory tract may inclu coughing and difficulty breathing.	
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Eye contact Treat symptomatically. First aid workers First aid personnel should wear appropriate protective equipment during rescue. preservation 4.2. Most important symptoms and effects, both acute and delayed General information Treat symptomatically. Breathing Not expected to be harmful if inhaled. Contains petroleum-based mineral oil. Oil vapor may cause resprint initiation or other pulmonary effects when inhaled by air for prolonged or repeated periods, at levels ab recommended mineral oil vapor exposure limit. Symptoms of irritation to the respiratory tract may inclus coughing and difficulty breathing.	ning orally
First aid workers First aid personnel should wear appropriate protective equipment during rescue. preservation 4.2. Most important symptoms and effects, both acute and delayed General information Treat symptomatically. Breathing Not expected to be harmful if inhaled. Contains petroleum-based mineral oil. Oil vapor may cause resp irritation or other pulmonary effects when inhaled by air for prolonged or repeated periods, at levels ab recommended mineral oil vapor exposure limit. Symptoms of irritation to the respiratory tract may inclu- coughing and difficulty breathing.	
preservation 4.2. Most important symptoms and effects, both acute and delayed General information Treat symptomatically. Breathing Not expected to be harmful if inhaled. Contains petroleum-based mineral oil. Oil vapor may cause resp irritation or other pulmonary effects when inhaled by air for prolonged or repeated periods, at levels ab recommended mineral oil vapor exposure limit. Symptoms of irritation to the respiratory tract may inclu coughing and difficulty breathing.	
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irritation or other pulmonary effects when inhaled by air for prolonged or repeated periods, at levels ab recommended mineral oil vapor exposure limit. Symptoms of irritation to the respiratory tract may inclu coughing and difficulty breathing.	
Swallowing There are no specific symptoms known.	pove the
Skin contact May cause sensitization or allergic reactions in sensitive individuals. May cause skin	
Eye contact sensitization and allergic reactions in sensitive individuals.	
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 Extinguishing agents Suitable extinguishing agents Extinguish with foam, carbon dioxide, dry powder or water fog. Unsuitable extinguisher Do not use water jet to extinguish the fire, in case the fire spreads. substances Extinguish with foam, carbon dioxide, dry powder or water fog.	
5.2. Special hazards arising from the substance or mixture Special hazards	
Harmful combustion products A complex mixture of airborne solids, liquids and gases can be released. Carbon dioxide (CO2). Carbon (CO). Unidentified organic or inorganic compounds. Sulfur. Calcium.	on monoxide

5.3. Advice for firefighters

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During fire fighting preservative to be taken measures	Although this product does not catch fire easily, it is flammable. Refer to Section 7 for proper handling and storage. In case of insufficient ventilation, wear necessary respiratory equipment. Dispose of fire debris and contaminated fire extinguishing water in accordance with legal regulations. No action should be taken without proper training or any personal hazard.
For firefighters Positive pressure se	f-contained breathing apparatus and suitable protective clothing
special protective equipment	get dressed. Use suitable protective equipment for surrounding materials.
SECTION 6: Accidental release me	asures
6.1. Personal precautions, protective equip	oment and emergency procedures
Personal precautions	Make sure procedures and emergency training for on-site cleaning and disposal are in place. No action should be taken without proper training or any personal hazard. Do not smoke, use fire, sparks or other sources of ignition near the spill. Wear protective clothing as shown in Section 8 of this Safety Data Sheet.
Emergency personnel	Necessary precautions should be taken so that personnel who do not have proper training do not interfere.
for those who are not	
For emergency responders	Wear protective clothing as shown in section 8 of this safety data sheet. NOTICE: Report spillage to local authorities, as appropriate or necessary. 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 materials in disposable containers and dispose of them in accordance with regulations. If a heated substance is spilled, Allow to cool before handling with disposal methods. Proper ventilation should be provided.
6.2. Environmental measures	
Environmental measures	Apply appropriate protective measures to prevent spilled material from entering water sources, drains, drains, soil.
6.3. Methods and materials for con	tainment and cleaning
Spill removal methods Large spills:	Stop leak if not at risk. Leak sources take away. 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. For small 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

6.4. References to other sections

container. Dispose through a licensed waste disposal contractor.

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References to other sections	For personal protection see section 8. For waste disposal, see Section 13. See Section 1 for emergency contact information. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. See Section 7 for more information on safe handling.
SECTION 7: Handling and storage	
7.1. Precautions for safe handling	3
Usage precautions	Avoid contamination of soil or discharge of this material into sewers and water. For proper personal protection use protective equipment as shown in section 8 of this safety data sheet. Good ventilation should be provided in the working environment and inhalation of the vapor generated during use should be avoided.
	Contact with the skin should be avoided and hygienic rules should be applied. Contact with eyes should be avoided. Glasses or face masks should be used to prevent eye contact.
	When using, avoid eating, drinking and smoking. Use disposable clothing. Static hazard: Electrostatic charge may accumulate in this material while working on it. Bonding or grounding may be required to minimize this risk. Review all processes that have the potential to generate and collect electrostatic charges and / or flammable atmospheres and follow relevant mitigating practices.
Advice on general occupational hygiene	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. Good personal hygiene procedures should be followed.
7.2. Conditions for safe storage, inclu	uding any incompatibilities
Storage measures	The container is not designed to contain pressure. Do not apply pressure to empty the container, otherwise it may rupture with explosion. Empty containers contain product residue and can be dangerous. Do not pressurize, cut, weld, solder, puncture, grind or expose these containers to heat, flame, sparks, static electricity, or other sources of ignition. Containers should be completely emptied and disposed of properly.
	Chaminal starsage
Storage class	Chemical storage.
Storage class 7.3. Specific end use (s)	Chemical storage.
-	The identified uses for this product are detailed in Section 1.2. It should be used as specified in the

8.1. Control parameters

Occupational exposure limits

Distillates (petroleum), hydrogen treated heavy paraffinic

Oil mist: TWA: 5 mg / m3 (ACGIH). In no case should this limit be exceeded or, if more restrictive, the local limit used.

Highly refined mineral oil (C15-C50)

Base Oil; TWA: 5 mg / m3, ACGIH (United States) Base oil: ACGIH, STEL: 10 mg / m3 $\,$

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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.

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

Content notes

Oil mist TWA: 5 mg / m3 (ACGIH).

8.2. Exposure controls Protective

















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. Make sure that the ventilation is good. Eye / face wash units and safety showers must be installed close to the work area to be used in case of emergency, injury and exposure.

Personal protection	Personal protective equipment (PPE) should meet recommended national standards. Check with PPE suppliers.
Eye / Face protection	Safety glasses or face shield against splashes of chemicals. Use protective
Hand protection	gloves.
Other skin and body protection Health	Avoid contact with skin.
measures	Good personal hygiene procedures should be followed.
Respiratory system preservation	If there is potential to exceed exposure limits, wear appropriate respiratory protection.
Thermal damages	If there is danger of contact with hot product, all protective equipment suitable for use with high temperatures should be used.
Environmental exposure controls	Compliance of ventilation emissions and work process equipment with environmental protection legislation requirements should be checked.
SECTION 9: Physical and Chemical Properties	

9.1. Information on basic physical and chemical properties Appearance

Viscous liquid.

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Color	Brown.	
Smell	Characteristic.	
Odor threshold	There is no specific test data available.	
рН	Scientifically unjustified.	
Melting point / freezing point There is no specific test data available.		
Initial boiling point and There is no specific test data available. boiling range		
Flash point	> 220 $^\circ$ 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 specific test	
Flammability (solid, gas)	data available. There is no specific test data available.	
Upper / Lower flammability or explosive limits		
Other flammability	There is no specific test data available. There is	
Vapor pressure	no specific test data available. There is no	
Vapor density	specific test data available. There is no specific	
Relative density	test data available. ~ 0.91 g / ml	
Volumetric density		
Resolution (s)	It is insoluble in water.	
Partition coefficient	There is no specific test data available. There is	
Self ignition temperature	no specific test data available.	
Decomposition temperature	There is no specific test data available. min.	
Viscosity	18.5 cSt @ 100 ° C	
Explosive properties	There is no specific test data available. It is	
Explosive under the influence of flame	not considered explosive.	
Oxidizing properties	Not known.	
Descriptions	No other information is available.	
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.	

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Molecular weight	There is no specific test data available. There is
Volatility	no specific test data available. There is no
Saturation concentration	specific test data available. There is no specific
Critical temperature	test data available. There is no specific test data
Volatile organic compound	available.
SECTION 10: Stability and reactivity	
10.1. Reaction	
Reaction	With strong acids or with chlorate, nitrate, peroxide, etc. May react with strong oxidizing chemicals such as.
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 reactions will not occur under normal conditions of storage and use.
10.4. Conditions to avoid Condition	ns to avoid Not
available.	
10.5. Incompatible materials Mater	ials to avoid Not
available.	
available. 10.6. Hazardous decomposition products	
	– Not known.
10.6. Hazardous decomposition products	– Not known.
10.6. Hazardous decomposition products Hazardous decomposition products	
10.6. Hazardous decomposition products Hazardous decomposition products SECTION 11: Toxicological information	
10.6. Hazardous decomposition products Hazardous decomposition products SECTION 11: Toxicological information 11.1. Information on toxicological effects To	oxic
10.6. Hazardous decomposition products Hazardous decomposition products SECTION 11: Toxicological information 11.1. Information on toxicological effects effects	oxic The information given is based on the data of the components and similar products.
10.6. Hazardous decomposition products Hazardous decomposition products SECTION 11: Toxicological information 11.1. Information on toxicological effects effects Other health effects	oxic The information given is based on the data of the components and similar products.
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10.6. Hazardous decomposition products Hazardous decomposition products SECTION 11: Toxicological information 11.1. Information on toxicological effects offects Other health effects Acute toxicity - oral Summary	oxic The information given is based on the data of the components and similar products. The information given is based on the data of the components and similar products. The information given is based on the data of the components and similar products.
10.6. Hazardous decomposition products Hazardous decomposition products SECTION 11: Toxicological information 11.1. Information on toxicological effects offects Other health effects Acute toxicity - oral Summary Notes (oral LD50)	bxic The information given is based on the data of the components and similar products. The information given is based on the data of the components and similar products. The information given is based on the data of the components and similar products.
10.6. Hazardous decomposition products Hazardous decomposition products SECTION 11: Toxicological information 11.1. Information on toxicological effects offects Other health effects Acute toxicity - oral Summary Notes (oral LD50)	oxic The information given is based on the data of the components and similar products. The information given is based on the data of the components and similar products. The information given is based on the data of the components and similar products. The information given is based on the data of the components and similar products. The information given is based on the data of the components and similar products. The information given is based on the data of the components and similar products.
10.6. Hazardous decomposition products Hazardous decomposition products SECTION 11: Toxicological information 11.1. Information on toxicological effects Treffects Other health effects Acute toxicity - oral Summary Notes (oral LDso) Acute toxicity - dermal Summary	oxic The information given is based on the data of the components and similar products. The information given is based on the data of the components and similar products. The information given is based on the data of the components and similar products. The information given is based on the data of the components and similar products. The information given is based on the data of the components and similar products. The information given is based on the data of the components and similar products. The information given is based on the data of the components and similar products.
10.6. Hazardous decomposition products Hazardous decomposition products SECTION 11: Toxicological information 11.1. Information on toxicological effects Treeffects Other health effects Acute toxicity - oral Summary Notes (oral LD ₅₀) Acute toxicity - dermal Summary Notes (dermal LD ₅₀)	oxic The information given is based on the data of the components and similar products. The information given is based on the data of the components and similar products. The information given is based on the data of the components and similar products. The information given is based on the data of the components and similar products. The information given is based on the data of the components and similar products. The information given is based on the data of the components and similar products. The information given is based on the data of the components and similar products.

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Skin corrosion / irritation	
Summary	The information given is based on the data of the components and similar products. The information
Skin corrosion / irritation	given is based on the data of the components and similar products. The information given is based on the
Animal data	data of the components and similar products. The information given is based on the data of the
Human skin model test Extreme	components and similar products. The information given is based on the data of the components and
рН	similar products.
Serious eye damage / irritation	
Summary	The information given is based on the data of the components and similar products. The information
Serious eye damage / irritation	given is based on the data of the components and similar products.
Respiratory sensitization	
Summary	The information given is based on the data of the components and similar products. The information
Respiratory tract	given is based on the data of the components and similar products.
sensitization	
Skin sensitization	
Summary	The information given is based on the data of the components and similar products. The information
Skin sensitization	given is based on the data of the components and similar products.
Germ cell mutagenicity	
Summary	The information given is based on the data of the components and similar products. The information
Genotoxicity - in vitro	given is based on the data of the components and similar products. The information given is based on the
Genotoxicity - in vivo	data of the components and similar products.
Carcinogenicity	
Summary	The information given is based on the data of the components and similar products. The information
Carcinogenicity	given is based on the data of the components and similar products. The information given is based on the
Target for carcinogenicity organs	data of the components and similar products.
IARC carcinogenicity	The information given is based on the data of the components and similar products. The information
NTP carcinogenicity	given is based on the data of the components and similar products.
Reproductive toxicity	
Summary	The information given is based on the data of the components and similar products. The information
Reproductive system toxicity fertility	given is based on the data of the components and similar products.
Reproductive system toxicity developmental	The information given is based on the data of the components and similar products.
Specific target ergen toxicity single of	

Specific target organ toxicity - single exposure

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Summary		The information given is based on the data of the components and similar products. The information
BHOT- single	exposure	given is based on the data of the components and similar products. The information given is based on the
target organs		data of the components and similar products.
Specific target organ toxicity - repeated exposure Summary		
		The information given is based on the data of the components and similar products.
BHOT- repeate	ed exposure	The information given is based on the data of the components and similar products.
Target organs		The information given is based on the data of the components and similar products.
Aspiration haza	ard	
Summary		The information given is based on the data of the components and similar products. The information
Aspiration haza	ard	given is based on the data of the components and similar products.
Toxicokinetics		The information given is based on the data of the components and similar products. The information
General informatio	n	given is based on the data of the components and similar products. The information given is based on the
Breathing		data of the components and similar products. The information given is based on the data of the
Swallowing		components and similar products. The information given is based on the data of the components and
Contact with skin		similar products. The information given is based on the data of the components and similar products.
Eye contact		
Acute and chronic health hazards The information given is based on the data of the components and similar products.		
Contact ways		The information given is based on the data of the components and similar products.
Target organs		The information given is based on the data of the components and similar products.
Medical symptoms		The information given is based on the data of the components and similar products.
Medical opinions		The information given is based on the data of the components and similar products.
Toxicological infe	ormation on ingredients	
		Distillates (petroleum), hydrogen treated heavy paraffinic
	Acute toxicity - oral	
	Notes (oral LD₅₀)	 LD₅₀> 2000 mg / kg, Oral,
	Acute toxicity - derma	<u>I</u>
	Notes (dermal LD₅₀)	LD₅₀> 2000 mg / kg, Dermal,
	Carcinogenicity	
	Summary	The base oils in the product contain less than 3% DMSO according to IP 346.

Highly refined mineral oil

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	Acute toxicity - oral	_
	Notes (oral LD₅₀)	LD₅₀> 2000 mg / kg, Oral,
	Acute toxicity - derma	<u>u</u>
	Notes (dermal LD50)	LD₅₀> 2000 mg / kg, Dermal,
SECTION 12: Ecol	ogical information	
Ecotoxicity		This substance is not expected to be harmful to aquatic organisms. The product has not been tested. The expression is derived from the properties of each component.
Ecological inform	nation on ingredients	_
		Distillates (petroleum), hydrogen treated heavy paraffinic
	Ecotoxicity	May cause harm to aquatic organisms. Spillages create a film layer on the water surface and prevent oxygen transfer.
12.1. Toxicity		
Toxicity		This substance is not expected to be harmful to aquatic organisms. The product has not been tested. The expression is derived from the properties of each component.
Acute aquatic to	xicity	
Summary		The information given is based on the data of the components and similar products. The information
Acute toxicity	- fish	given is based on the data of the components and similar products. The information given is based on the
Acute toxicity - a invertebrates	quatic	data of the components and similar products.
Acute toxicity -	aquatic plants	The information given is based on the data of the components and similar products. The information
Acute toxicity microorganis	ms	given is based on the data of the components and similar products.
Acute toxicity organisms	- terrestrial The informati	on given is based on the data of the components and similar products.
Chronic aquatic Summary	toxicity	The information given is based on the data of the components and similar products. The information
Chronic toxic early life stag	-	given is based on the data of the components and similar products.
	Short term toxicity - embryo The information given is based on the data of the components and similar products. and early larval stages	
Chronic toxicity- invertebrates	aquatic	The information given is based on the data of the components and similar products.
Toxicity to so	il	The information given is based on the data of the components and similar products. The information
Toxicity to terr	estrial plants	given is based on the data of the components and similar products.

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12.2. Persistence and degradability	
Persistence and degradability	The information given is based on the data of the components and similar products. The information
Phototransformation	given is based on the data of the components and similar products. The information given is based on the
Stability (hydrolysis)	data of the components and similar products. The information given is based on the data of the
Biodegradation	components and similar products. The information given is based on the data of the components and
Biological oxygen demand	similar products. The information given is based on the data of the components and similar products.
Chemical oxygen demand	
Ecological information on ingredients	_
	Distillates (petroleum), hydrogen treated heavy paraffinic
Biodegradation	Not expected to be readily biodegradable.
12.3. Bioaccumulative potential	
Bioaccumulative potential	The information given is based on the data of the components and similar products. There is no specific test
Partition coefficient	data available.
Ecological information on ingredients	
	Distillates (petroleum), hydrogen treated heavy paraffinic
Bioaccumulative potenti	Potentially bioaccumulating.
Bioaccumulative potenti	Potentially bioaccumulating.
12.4. Mobility in soil	
12.4. Mobility in soil Mobility	The information given is based on the data of the components and similar products. The information
12.4. Mobility in soil	
12.4. Mobility in soil Mobility Adsorption / desorption	The information given is based on the data of the components and similar products. The information
12.4. Mobility in soil Mobility Adsorption / desorption coefficient	The information given is based on the data of the components and similar products. The information given is based on the data of the components and similar products.
12.4. Mobility in soil Mobility Adsorption / desorption coefficient Henry's law constant	The information given is based on the data of the components and similar products. The information given is based on the data of the components and similar products. The information given is based on the data of the components and similar products. The information
12.4. Mobility in soil Mobility Adsorption / desorption coefficient Henry's law constant Surface tension	The information given is based on the data of the components and similar products. The information given is based on the data of the components and similar products. The information given is based on the data of the components and similar products. The information
12.4. Mobility in soil Mobility Adsorption / desorption coefficient Henry's law constant Surface tension Ecological information on ingredients	The information given is based on the data of the components and similar products. The information given is based on the data of the components and similar products. The information given is based on the data of the components and similar products. The information given is based on the data of the components and similar products. Distillates (petroleum), hydrogen treated heavy paraffinic
12.4. Mobility in soil Mobility Adsorption / desorption coefficient Henry's law constant Surface tension	The information given is based on the data of the components and similar products. The information given is based on the data of the components and similar products. The information given is based on the data of the components and similar products. The information given is based on the data of the components and similar products.
12.4. Mobility in soil Mobility Adsorption / desorption coefficient Henry's law constant Surface tension Ecological information on ingredients	The information given is based on the data of the components and similar products. The information given is based on the data of the components and similar products. The information given is based on the data of the components and similar products. The information given is based on the data of the components and similar products. Distillates (petroleum), hydrogen treated heavy paraffinic It is liquid in most environmental conditions. It floats on water. Groundwater may become contaminated if it spreads to the soil.
12.4. Mobility in soil Mobility Adsorption / desorption coefficient Henry's law constant Surface tension Ecological information on ingredients Mobility	The information given is based on the data of the components and similar products. The information given is based on the data of the components and similar products. The information given is based on the data of the components and similar products. The information given is based on the data of the components and similar products. Distillates (petroleum), hydrogen treated heavy paraffinic It is liquid in most environmental conditions. It floats on water. Groundwater may become contaminated if it spreads to the soil.
12.4. Mobility in soil Mobility Adsorption / desorption coefficient Henry's law constant Surface tension Ecological information on ingredients Mobility 12.5. Results of PBT and vPvB asse	The information given is based on the data of the components and similar products. The information given is based on the data of the components and similar products. The information given is based on the data of the components and similar products. The information given is based on the data of the components and similar products. Distillates (petroleum), hydrogen treated heavy paraffinic It is liquid in most environmental conditions. It floats on water. Groundwater may become contaminated if it spreads to the soil.
12.4. Mobility in soil Mobility Adsorption / desorption coefficient Henry's law constant Surface tension Ecological information on ingredients Mobility 12.5. Results of PBT and vPvB asset PBT and vPvB	The information given is based on the data of the components and similar products. The information given is based on the data of the components and similar products. The information given is based on the data of the components and similar products. The information given is based on the data of the components and similar products. Distillates (petroleum), hydrogen treated heavy paraffinic It is liquid in most environmental conditions. It floats on water. Groundwater may become contaminated if it spreads to the soil.
12.4. Mobility in soil Mobility Adsorption / desorption coefficient Henry's law constant Surface tension Ecological information on ingredients Mobility 12.5. Results of PBT and vPvB asset PBT and vPvB results of the assessment	The information given is based on the data of the components and similar products. The information given is based on the data of the components and similar products. The information given is based on the data of the components and similar products. The information given is based on the data of the components and similar products. The information given is based on the data of the components and similar products. Distillates (petroleum), hydrogen treated heavy paraffinic It is liquid in most environmental conditions. It floats on water. Groundwater may become contaminated if it spreads to the soil.

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SECTION 13: Disposal considerations		
13.1. Waste treatment methods General		
information	Waste generation should be minimized or avoided wherever possible.	
Waste treatment methods	Wastes, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated appropriate containers and labeled according to their contents. Collect waste and place it in suitable waste disposal containers and seal tightly. Dispose of waste in a licensed waste disposal facility in accordance with the requirements of the local Waste Disposal Authorities.	
Waste class	Waste code classification should be carried out according to the European Waste Catalog (EWC).	
SECTION 14: Transport information		
General	It was not edited.	
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.		
14.4. Packing group		
Not applicable.		
14.5. Environmental damages		
Environmentally harmful / marine pollutant Not applicable.		
14.6. Special precautions for user	_	
Not applicable.		
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	on 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 11 December 2013 and numbered 28848. Republic of Turkey Ministry of Environment and Urbanization Regulation on Safety Data Sheets Regarding Hazardous Substances and Mixtures	
EU legislation	Commission Regulation (EU) No 453/2010 of 20 May 2010.	

Part I

SAFETY DATA SHEET

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Guide	Safety Data Sheet for substances and preparations. Source: European Chemicals Agency, http://echa.europa.eu/
SECTION 16: Other information	
In the safety data sheet	EU: European Union DMSO:
used abbreviations and	
acronyms	PPE: Personal protective equipment STEL:
	Short term exposure limit
	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. IATA: International Air
	Transport Association.
	ICAO: Technical Specifications for the Safe Transport of Dangerous Goods by Air. IMDG: International
	Maritime Dangerous Goods.
	PBT: Persistent, Bioaccumulative and Toxic substance.
	REACH: EU Regulation (EC) No 1907/2006 on Registration, Evaluation, Authorization and Restriction of
	Chemicals.
	PNEC: Predicted No Observed Effect Concentration. vPvB: Very Persistent,
	Very Bioaccumulative.
	IARC: International Agency for Research on Cancer.
	MARPOL 73/78: International Convention for the Prevention of Pollution from Ships, 1973, as amended by the 1978 Protocol.
Abbreviations and acronyms	Aquatic Chronic = Harmful to the aquatic environment (chronic)
	Skin Sens. = Skin sensitization
General information	Only trained personnel should use this material. Material Safety Data Sheet Distribution: The information in this document should be made available to all persons who can handle this product. 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. Disclaimer: This information is based on our current knowledge and the product is described for the purpose of health, safety and environmental requirements only. For this reason, it should not be interpreted as guaranteeing any specific feature of the product.
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	Not classified as environmentally hazardous. Not classified as physically hazardous. Not classified as hazardous to health: Supplier information, Calculation method.
Education advice	Untrained personnel should not be used.
Revision comments	This is the first arrangement.

SAFETY DATA SHEET

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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".

Organized by	Sevda ŞAHAN Certified Safety Data Sheet Maker (Certificate No: GBF01.23.08; Date: 03.11.2018-03.11.2021)
How many regulations	0
Preparation date	20.01.2020
SDS No	20611
All of the hazard statements	H317 May cause an allergic skin reaction. 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 of knowledge and opinion. However, no warranty or representation can be made for its accuracy, reliability and completeness. It is the user's own responsibility to be satisfied that this information is suitable for his own use.