



SAFETY DATA SHEET

MAXIMA 0W-20

Prepared according to Annex II of EC regulation 1907/2006

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME	MAXIMA 0W-20
SUPPLIER	OMV PETROL OFİSİ A.Ş. Ayazağa Eski Büyükdere Cad. No:33-37 B Blok 34398 Maslak-Istanbul/TURKEY Tel: +90 212 329 1500 Fax: +90 212 329 1896 www.poas.com.tr info@poas.com.tr
APPLICATION	Engine oil
EMERGENCY TELEPHONE	POAŞ: +90 212 329 1845 (office hours)

2 HAZARDS IDENTIFICATION

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION (1999/45) R52/53.**ENVIRONMENT**

The product contains a substance which is harmful to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

PHYSICAL AND CHEMICAL HAZARDS

This product is not flammable.

HUMAN HEALTH

May cause temporary irritation on skin or eye contact.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification (67/548)
Calcium salt of a polyolefin substituted phenol			< 1%	R53.
DIPHENYLAMINE	204-539-4	122-39-4	< 1%	T;R23/24/25 R33 N;R50/53
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC; BASEOIL - U (DMSO <3% by IP 346)	265-157-1	64742-54-7	70-85%	-
p-dodecylphenol	310-154-3	121158-58-5	< 1%	Repr. Cat. 3;R62. Xi;R38. N;R50/53.
Zinc alkyldithiophosphate	272-028-3	68649-42-3	1-5%	Xi;R38,R41. N;R51/53.

The Full Text for all R-Phrases are Displayed in Section 16

COMPOSITION COMMENTS

The Data Shown is in accordance with the latest EC Directives. Some substances are not classified by legislation.They are self classified by the manufacturer. The DMSO extract by IP 346 of the oil is less than 3%

4 FIRST-AID MEASURES

GENERAL INFORMATION

Get medical attention if any discomfort continues.

NOTES TO THE PHYSICIAN

No specific treatment.treat symptomatically.

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INHALATION

Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

INGESTION

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Get medical attention if any discomfort continues.

SKIN CONTACT

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

EYE CONTACT

Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

SPECIAL FIRE FIGHTING PROCEDURES

Avoid breathing fire vapours. Keep run-off water out of sewers and water sources. Dike for water control. Use water to keep fire exposed containers cool and disperse vapours.

SPECIFIC HAZARDS

In case of fire, toxic gases may be formed (COx, NOx).

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire. Face mask, protective gloves and safety helmet.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin and eyes.

ENVIRONMENTAL PRECAUTIONS

Do not discharge into drains, water courses or onto the ground.

SPILL CLEAN UP METHODS

Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not contaminate water sources or sewer. For waste disposal, see section 13.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Avoid contact with skin and eyes.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry and cool place. Keep upright. Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children.

STORAGE CLASS

Chemical storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
DIPHENYLAMINE	WEL		10 mg/m3		20 mg/m3	

WEL = Workplace Exposure Limit.

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT

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**PROCESS CONDITIONS**

Provide eyewash station.

ENGINEERING MEASURES

Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of vapours.

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

HAND PROTECTION

Use suitable protective gloves if risk of skin contact. Use protective gloves made of: Polyvinyl chloride (PVC). Nitrile. Butyl rubber.

EYE PROTECTION

If risk of splashing, wear safety goggles or face shield.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact. Wear rubber footwear.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. Wash contaminated clothing before reuse. When using do not eat, drink or smoke.

SKIN PROTECTION

Wear apron or protective clothing in case of contact.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid		
COLOUR	Brown		
ODOUR	Characteristic.		
RELATIVE DENSITY	0.85 g/ml	15°C	VISCOSITY
FLASH POINT (°C)	230 OC (Open cup).		8,8 cSt 100°C

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Avoid excessive heat for prolonged periods of time.

HAZARDOUS POLYMERISATION

Will not polymerise.

MATERIALS TO AVOID

Acids, oxidising.

HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO₂).

11 TOXICOLOGICAL INFORMATION

INHALATION

In high concentrations, vapours may irritate throat and respiratory system and cause coughing.

INGESTION

May cause discomfort if swallowed. Gastrointestinal symptoms, including upset stomach.

SKIN CONTACT

Skin irritation is not anticipated when used normally. Liquid may irritate skin.

EYE CONTACT

Irritating to eyes.

12 ECOLOGICAL INFORMATION

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ECOTOXICITY

May be harmful to aquatic organisms. Spills form film layer on water surface and prevent oxygen transfer

MOBILITY

The product is miscible with water. May spread in water systems.

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

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

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements. Environmental manager must be informed of all major spillages. Do not allow runoff to sewer, waterway or ground. Do not re-use empty packages. please recycle empty packages.

14 TRANSPORT INFORMATION

GENERAL

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

No transport warning sign required.

ROAD TRANSPORT NOTES

Not Classified

RAIL TRANSPORT NOTES

Not classified.

SEA TRANSPORT NOTES

Not classified.

AIR TRANSPORT NOTES

Not classified.

15 REGULATORY INFORMATION

RISK PHRASES

R52/53

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SAFETY PHRASES

S24/25

Avoid contact with skin and eyes.

S46

If swallowed, seek medical advice immediately and show this container or label.

S61

Avoid release to the environment. Refer to special instructions/safety data sheets.

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations.

APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

16 OTHER INFORMATION

INFORMATION SOURCES

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

REVISION COMMENTS

Company name changed

ISSUED BY

Certificated from the Turkish Standards Institute (TSE) to prepare Safety Data Sheet (Certificate no: SDS - 0397)

REVISION DATE

13.06.2011

DATE

20.05.2011

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RISK PHRASES IN FULL

R33	Danger of cumulative effects.
R38	Irritating to skin.
R53	May cause long-term adverse effects in the aquatic environment.
NC	Not classified.
R62	Possible risk of impaired fertility.
R41	Risk of serious damage to eyes.
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.