

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form	: Substance
Substance name	: OYSTER 259
EC-No.	: 232-455-8
CAS-No.	: 8042-47-5
REACH registration No	: 01-2119487078-27-0162

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

1.2.1. Relevant identified uses

Main use category	: Industrial use, Intermediate Compatibilizer, corrosion inhibitor, dust suppressant, processing aid, vehicle (carrier), glossing agent Lubricant Heat transferring agent Antiadhesive Functional fluid Insulators Laboratory chemicals Plastiziser Defoamer, flocculating agent Fuel
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1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Manufacturer

PETROYAĞ VE KİMYASALLAR SAN. VE TİC. A.Ş.
GOSB TEMBELOVA ALANI GENÇLİK CAD. 32. SOK. NO:3014
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Other

TÜV SÜD Iberia, S.A.U.
Ronda Can Fatjo 13
08290 Cerdanyola del Valles
Barcelona - Spain
reach.es@tuvsud.com

1.4. Emergency telephone number

Emergency number	: +902626771700 Business Development
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Adverse physicochemical, human health and environmental effects

May be fatal if swallowed and enters airways.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

No labelling applicable

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Name : OYSTER 259
CAS-No. : 8042-47-5
EC-No. : 232-455-8

Name	Product identifier	%
White mineral oil (petroleum)	(CAS-No.) 8042-47-5 (EC-No.) 232-455-8	100

3.2. Mixtures

Not applicable

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Call a physician immediately.

First-aid measures after inhalation : Inhalation at ambient temperature is unlikely because of the low vapour pressure of the substance.
Irritation of the respiratory tract due to excess fume mists or vapour pressure.
Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

First-aid measures after skin contact : Inhalation at ambient temperature is unlikely because of the low vapour pressure of the substance.
Irritation of the respiratory tract due to excess fume mists or vapour pressure.
Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist. . Remove contaminated clothing and footwear and dispose of safely.
Immediately wash with water and soap and rinse thoroughly.
Generally the product does not irritate the skin.
Symptoms: dry skin, irritation may arise in case of repeated or prolonged exposure.
Seek medical attention if irritation, swelling or redness of the skin occurs and persists.
If high-pressure injuries occur, immediately seek professional medical attention. Do not wait for symptoms to develop.
May cause burn in case of contact with product at high temperature.
For minor thermal burns: cool the burn. Hold the burned area under cold running water for at least five minutes, or until the pain subsides. However, body hypothermia must be avoided.
Do not put ice on the burn. Remove non-sticking garments carefully.
DO NOT attempt to remove portions of clothing glued to burnt skin but cut round them.
Seek medical attention in all cases of serious burns.

First-aid measures after eye contact : Symptoms: slight irritation (unspecific).
Rinse opened eye for several minutes under running water.
If hot product is splashed into the eye, it should be cooled immediately to dissipate heat, under cold running water.
Immediately obtain specialist medical assessment and treatment for the casualty.

First-aid measures after ingestion : Do not induce vomiting. Call a physician immediately. Do not induce vomiting; call for medical help immediately.
Do not give anything by mouth to an unconscious person.
If a person is vomiting while laying on his back, place him in the recovery position (turned onto his side).
If symptoms persist consult a doctor.

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

Symptoms/effects	: Skin irritation, reddening. Eye irritation. Dizziness Diarrhoea.
Symptoms/effects after ingestion	: Risk of lung oedema.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Fire-extinguishing powder Carbon dioxide CO ₂ Sand Foam (specifically trained personnel only) Water fog (specifically trained personnel only).
Unsuitable extinguishing media	: Avoid full water jet. Direct water stream may spread fire. Simultaneous use of foam and water on the same surface (water destroys foam).

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire	: Under certain fire conditions, traces of other toxic gases cannot be excluded, e.g.: Carbon monoxide (CO). Unidentified organic and inorganic compounds.
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5.3. Advice for firefighters

Precautionary measures fire	: Keep upwind.
Firefighting instructions	: Exercise caution when fighting any chemical fire.
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. In case of a large fire or in confined or poorly ventilated spaces, wear full fire resistant protective clothing and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
Other information	:

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Keep people at a distance and stay on the windward side. Avoid contact with skin, eyes and clothes. Keep away from ignition sources. Make sure only trained personnel are allowed to carry out the cleaning work. Refer to section 4, 8 and 13 of this SDS.
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6.1.1. For non-emergency personnel

Emergency procedures	: Ventilate spillage area.
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6.1.2. For emergency responders

Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
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6.2. Environmental precautions

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

In case of small spillages in closed waters (i.e. ports), contain product with floating barriers or other equipment.

Collect spilled product by absorbing with specific floating absorbents. If possible, large spillages in open waters should be contained with floating barriers or other mechanical means. If this is not possible, control the spreading of the spillage and collect the product by skimming or other suitable mechanical means.

The use of dispersants should be advised by an expert and if required, approved by local authorities.

Do not allow to penetrate the ground/soil.

6.3. Methods and material for containment and cleaning up

For containment

: Stop leak if you can do it without risk.

Gloves made of PVA are not water-resistant and are not suitable for emergency use.

A half or full-face respirator with combined dust/organic vapour filter(s) or a self-contained breathing apparatus (SCBA)

can be used according to the extent of the spill and predictable amount of exposure. If the situation cannot be completely

assessed, or if an oxygen deficiency is possible, only SCBA should be used.

Small spillage:

Absorb leftover product with non-flammable liquid-binding material (e.g. earth, sand, vermiculite or ground sand stone) and place in closed containers for disposal.

Large spillage:

Large spillages may be cautiously covered with foam, if available, to limit fire risk. Do not use direct jets.

In case of soil contamination, remove contaminated soil for remediation or disposal according to local regulations.

Remove from the water surface (e.g. skim or suck off).

Ventilate area and wash spill site after material pickup is complete.

Methods for cleaning up

: Take up liquid spill into absorbent material.

Other information

: Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling

: The usual precautionary measures are to be adhered to when handling chemicals.

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

Avoid contact with skin and eyes.

Avoid splashes or spray in enclosed areas.

Avoid inhalation of vapour or mist.

Avoid free-fall and splashing.

Avoid contact with hot product.

Hygiene measures

: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions

: Store locked up. Requirements to be met by storerooms and receptacles:

Use and store only outdoors or in a well-ventilated area.

Keep only in the original container or in a suitable container for this kind of product.

Suitable material for receptacles: mild or stainless steel.

Storage installations should be designed with adequate bunds so as to prevent ground and water pollution in case of leaks or spills.

Information about storage in common storage facility: Store away from oxidising agents.

Further information about storage conditions:

Avoid container damage while handling and storing.

Keep containers properly labelled.

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Storage area : Store away from heat.

7.3. Specific end use(s)

Industrial use. Raw materials. Thermoplastic elastomers and adhesives production.

Formulation & (re)packing of substances and mixtures

Use as intermediate

Uses in coatings

Uses in cleaning agents

Lubricants

Metal working fluids

Use and binders and release agents

Functional fluids

Laboratory chemicals

Rubber production and processing

Polymer processing

Water treatment chemicals

Explosives manufacture & use

Use in agrochemical (Consumer).

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

No additional information available

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment:

Protective goggles. Gloves. Protective clothing.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Safety glasses. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material.

Face protection

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8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing

Hand protection:

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Wear suitable gloves tested to EN 374.

Neoprene gloves

Nitrile rubber, NBR

Polyethylene

PVC gloves

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

8.2.2.3. Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Respiratory protection:

Not necessary if room is well-ventilated.

Where respiratory protection is desired, use multi-purpose combination (US) or type ABEK (EN 14387) respiratory cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Colourless.
Appearance	: Clear.
Odour	: odourless.
Odour threshold	: Not available
Melting point	: Not applicable
Freezing point	: Not available
Boiling point	: Not available
Flammability	: Not applicable
Explosive limits	: Not available
Lower explosive limit (LEL)	: Not available
Upper explosive limit (UEL)	: Not available
Flash point	: ≥ 230 °C
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: Not available
Viscosity, kinematic	: 68 mm ² /s
Solubility	: Water: Not soluble in water.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50 °C	: Not available
Density	: 865 kg/m ³
Relative density	: Not available

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Relative vapour density at 20 °C	: Not available
Particle size	: Not applicable
Particle size distribution	: Not applicable
Particle shape	: Not applicable
Particle aspect ratio	: Not applicable
Particle aggregation state	: Not applicable
Particle agglomeration state	: Not applicable
Particle specific surface area	: Not applicable
Particle dustiness	: Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

White mineral oil (petroleum) (8042-47-5)	
LD50 oral rat	> 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 dermal rabbit	> 2000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LC50 Inhalation - Rat	> 5 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)

Skin corrosion/irritation : Not classified

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Serious eye damage/irritation	: Not classified (Based on available data, the classification criteria are not met. Not eye irritant. Key study rabbit, OECD 405, read-across. Many other tests showed that sufficiently refined other lubricant base oils (IP 346 < 3%) are not ocular irritants.)
Respiratory or skin sensitisation	: Not classified (Based on available data, the classification criteria are not met. Not a skin sensitizer. Test: OECD Guideline 406 (Skin Sensitisation), guinea pig (Dunkin-Hartley) female, Guinea pig maximisation test, Induction: intradermal and epicutaneous, Challenge: epicutaneous, occlusive. Respiratory sensitisation not determined.)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met. Negative results in tests: Ames test (OECD Guideline 471, Bacterial Reverse Mutation Test and test Method B13/B14 of Commission Directive 2000/32/EC). OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test) OECD Guideline 474 (In vivo, Mammalian Erythrocyte Micronucleus Test) OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test))
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified

White mineral oil (petroleum) (8042-47-5)	
NOAEL (oral, rat, 90 days)	≥ 1200 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)

Aspiration hazard : Not classified

OYSTER 259 (8042-47-5)	
Viscosity, kinematic	68 mm ² /s

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified
Not rapidly degradable	

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

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12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods	: Dispose according to local regulations. Dispose of via a licensed waste disposal contractor. Environmental manager must be informed of all major spillages. Please, recycle empty pack. Do not re-use empty containers. Clean empty container with water. Incineration is recommended for disposal of this product, permitted at authorised contractors.
Product/Packaging disposal recommendations	: Packagings that may not be cleansed are to be disposed of in the same manner as the product. Do not re-use empty containers. Disposal must be made according to official regulations.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

14.1. UN number or ID number

UN-No. (ADR)	: Not applicable
UN-No. (IMDG)	: Not applicable
UN-No. (IATA)	: Not applicable
UN-No. (ADN)	: Not applicable
UN-No. (RID)	: Not applicable

14.2. UN proper shipping name

Proper Shipping Name (ADR)	: Not applicable
Proper Shipping Name (IMDG)	: Not applicable
Proper Shipping Name (IATA)	: Not applicable
Proper Shipping Name (ADN)	: Not applicable
Proper Shipping Name (RID)	: Not applicable

14.3. Transport hazard class(es)

ADR	
Transport hazard class(es) (ADR)	: Not applicable
IMDG	
Transport hazard class(es) (IMDG)	: Not applicable
IATA	
Transport hazard class(es) (IATA)	: Not applicable
ADN	
Transport hazard class(es) (ADN)	: Not applicable
RID	
Transport hazard class(es) (RID)	: Not applicable

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14.4. Packing group

Packing group (ADR)	: Not applicable
Packing group (IMDG)	: Not applicable
Packing group (IATA)	: Not applicable
Packing group (ADN)	: Not applicable
Packing group (RID)	: Not applicable

14.5. Environmental hazards

Dangerous for the environment	: No
Marine pollutant	: No
Other information	: No supplementary information available

14.6. Special precautions for user

Overland transport

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

Inland waterway transport

Not applicable

Rail transport

Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

No REACH Annex XVII restrictions

OYSTER 259 is not on the REACH Candidate List

OYSTER 259 is not on the REACH Annex XIV List

OYSTER 259 is not subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

OYSTER 259 is not subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

15.1.2. National regulations

- Inventory - United States - Toxic Substances Control Act (TSCA) ACTIVE
- OECD - List of High Production Volume Chemicals Substance is not listed.
- Inventory - Canada - Domestic Substances List (DSL) Substance is listed
- Philippines Inventory of Chemicals and Chemical Substances Substance is listed.
- Australian Inventory of Industrial Chemicals Substance is listed.
- Inventory - Korea - Existing and Evaluated Chemical Substances KE-35412
- New Zealand Inventory of Chemicals Substance is listed.
- TCSI - Taiwan Chemical Substance Inventory Substance is listed.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

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SECTION 16: Other information

Abbreviations and acronyms:	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstract Service number
N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disrupting properties

The classification complies with : ATP 12

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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.