



## SAFETY DATA SHEET

### CAPRIO 4

According to Regulation (EU) No 2015/830

#### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

##### 1.1.Product identifier

Product name CAPRIO 4

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

1.3. Identified uses Industrial use. Grup III base oil

##### 1.4.Details of the supplier of the safety data sheet

Supplier **PETRO YAG ve KİMYASALLAR SAN TİC A.Ş.**  
GOSB Tembelova Mevkii, Gençlik  
Cd. NO:3014 41400 Gebze-  
Kocaeli / TÜRKİYE  
T: +90 262 677 1700  
<http://www.petroyag.com>  
[info@petroyag.com](mailto:info@petroyag.com)

Contact Person Business development department

##### 1.5.Emergency telephone number

PETRO YAG: +90 262 677 1700 (office hours)

#### SECTION 2: HAZARDS IDENTIFICATION

##### 2.1.Classification of the substance or mixture

Classification (EC 1272/2008)

Category 1

**H304:** May be fatal if swallowed and enters airways.

Classification according to Directive 67/548/EEC [DSD]

Label elements

Label In Accordance With (EC) No. 1272/2008

Hazard pictograms:



Signal word: Danger

Hazard Statements

- H304 May be fatal if swallowed and enters airways

Precautionary Statements

P261: Avoid breathing dust/fume/gas/mist/vapors/spray

P271: Use only outdoors or in a well-ventilated area.

Response: IF SWALLOWED: Immediately call a POISON CENTER or physician. Do NOT induce vomiting.



## SAFETY DATA SHEET

### CAPRIO 4

According to Regulation (EU) No 2015/830

Storage: Store locked up.

#### 2.2. Other hazards

No data available.

### **SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

#### 3.1. Substances

Name	EC No.	CAS No.	Content	REACH
Distillates (petroleum), hydrotreated heavy paraffines	265-157-1	64742-54-7	100%	01- 21194846 27-25

#### 3.2. Mixtures

Not applicable

#### **Composition Comments**

- The data shown are in accordance with the latest EC Directives.

### **SECTION 4: FIRST AID MEASURES**

#### 4.1. Description of first aid measures

##### **General information**

Take victim immediately from exposure area to another location.

##### **Inhalation**

Take victim immediately from exposure area to another location. Apply general first aid, rest and keep warm and provide fresh air. Get medical attention if any discomfort continues.

##### **Ingestion**

DO NOT INDUCE VOMITING. Never make an unconscious person vomit or drink fluids. Rinse mouth thoroughly. Get medical attention immediately.

##### **Skin contact**

Remove victim contamination area. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

##### **Eye contact**

Take victim immediately from exposure area to another location. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention. Continue to washing with water.

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

- Inhalation** : Symptoms were not noted.  
**Ingestion** : Nausea and vomiting.  
**Skin contact** : Prolonged contact may cause redness and dry skin.  
**Eye contact** : May cause redness and pain.



## **SAFETY DATA SHEET**

### **CAPRIO 4**

According to Regulation (EU) No 2015/830

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

No specific treatment. Treat symptomatically.

### **SECTION 5: FIREFIGHTING MEASURES**

#### **5.1. Extinguishing media**

This product is not flammable. Fire can be extinguished using: Foam, carbon dioxide, dry powder or water fog. Do not use pressurized water jets.

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

##### **Specific hazards**

In case of fire, toxic gases may be formed. Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

#### **5.3. Advice for firefighters**

##### **Special Fire Fighting Procedures**

Move container from fire area if it can be done without risk. Keep run-off water out of sewers and water sources. Dike for water control. Emergency personnel, except of course provide the move away from the fire area. Fire residues and contaminated fire extinguishing water must be disposed of according to local regulations.

##### **Protective equipment for fire-fighters**

Use air-supplied respirator during fire fighting. Face mask, protective gloves and safety helmet.

### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

#### **6.1. Personal precautions, protective equipment and emergency procedures**

Wear protective clothing as described in Section 8 of this safety data sheet. Avoid inhalation of vapours and contact with skin and eyes. In case of spills, beware of slippery floors and surfaces.

#### **6.2. Environmental precautions**

Avoid release to the environment. Avoid spilling the aquatic environment.

#### **6.3. Methods and material for containment and cleaning up**

**Large Spillages:** 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. Prevent entry of the cleaning water into the aquatic environment

**Small Spillages:** Wear necessary protective equipment. Absorb spillage with suitable absorbent material.

#### **6.4. Reference to other sections**

For personal protection, see section 8.

See section 11 for additional information on health hazards. For waste disposal, see section 13.

### **SECTION 7: HANDLING AND STORAGE**

#### **7.1. Precautions for safe handling**

Read and follow manufacturer's recommendations. Avoid contact with skin and eyes.

Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Do not eat, drink or smoke when using the product. Observe good chemical hygiene practices.

Container must be kept tightly closed.



## SAFETY DATA SHEET

### CAPRIO 4

According to Regulation (EU) No 2015/830

#### 7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry and cool place. Protect from direct sunlight. Keep away from food, drink and animal feeding stuffs. Keep containers upright.

#### 7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

### **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

#### 8.1. Control parameters

Material	Source	Type	ppm	mg/m <sup>3</sup>	Notation
Paraffins (petroleum), normal C5-20	MOL	TWA (Inhalable fraction.)		TWA: 5mg/m <sup>3</sup>	

Industrial Hygienists TWA : Time weighted Average

#### 8.2. Exposure controls

##### Protective equipment



##### Process conditions

Provide eyewash, quick drench

##### 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

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. >8 hours (breakthrough time): Nitrile gloves. PVC gloves.

##### Eye protection

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. Recommended: Splash gog

##### Hygiene measures

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

##### Skin protection

Protection suit must be worn.



## **SAFETY DATA SHEET**

### **CAPRIO 4**

According to Regulation (EU) No 2015/830

#### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

##### **9.1.Information on basic physical and chemical properties**

<b>Appearance</b>	liquid
<b>Colour</b>	light
<b>Odour</b>	typical
<b>Solubility</b>	Insoluble in water(0.05 mg/l)./soluble in hydrocarbons
<b>Initial boiling point and boiling range</b>	No data available.
<b>Pour Point</b>	No data available.
<b>pH Value</b>	No data available.
<b>Flash point</b>	230 °C
<b>Auto-Ignition Temperature</b>	No data available.
<b>Bulk Density</b>	No data available.
<b>Density</b>	824.9 kg/m <sup>3</sup> @ 15°C
<b>Viscosity Index</b>	133
<b>Vapour density (air=1)</b>	No data available.
<b>Viscosity</b>	18.2 cSt @40° C
<b>Viscosity</b>	4.1 cSt @100° C
<b>Partition Coefficient (N-octanol/water)</b>	No data available.

##### **Other information**

No data available.

#### **SECTION 10: STABILITY AND REACTIVITY**

##### **10.1.Reactivity**

No data available.

##### **10.2.Chemical stability**

Stable under normal temperature conditions and recommended use. Stable under the prescribed storage conditions.

##### **10.3.Possibility of hazardous reactions**

Not expected.

##### **10.4.Conditions to avoid**

Avoid exposure to high temperatures.

##### **10.5.Incompatible materials**

Strong oxidizing agents.

##### **10.6.Hazardous decomposition products**

**Fire creates:** Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

#### **SECTION 11: TOXICOLOGICAL INFORMATION**



## **SAFETY DATA SHEET**

### **CAPRIO 4**

According to Regulation (EU) No 2015/830

#### **11.1. Information on toxicological effects**

##### **Acute toxicity :**

**LD50** >2000 mg/kg (oral – tavşan )

**LD50** >5000 ppm (soluma-sıçan)

**LC50** 2.18mg/L (4hr) Rat

##### **Serious eye damage/irritation**

Slightly irritant (rabbit)

##### **Skin corrosion / irritation**

Slightly irritant (rabbit)

##### **Respiratory or skin sensitisation:**

No data available.

##### **Germ cell mutagenicity ( In Vitro/ In Vivo)**

Negative effects are not expected.

##### **Carcinogenicity**

Negative effects are not expected.

##### **Reproductive Toxicity – (Fertility/ Development)**

Negative effects are not expected.

##### **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.

## **SECTION 12: ECOLOGICAL INFORMATION**

#### **12.1.Toxicity**

No data available.

#### **12.2.Persistence and degradability**

No data available.

#### **12.3.Bioaccumulative potential**

Bioaccumulation :6% (28 day, aerotropism, domestic waste water, not disassemble)

#### **12.4.Mobility in soil**

No data available.

#### **12.5.Results of PBT and vPvB assessment**

No data available.

#### **12.6.Other adverse effects**

Should not be released to the environment and the aquatic environment. May cause harmful effects

## **SECTION 13: DISPOSAL CONSIDERATIONS**

#### **13.1. Waste treatment methods**

Dispose empty containers, rubbish and waste in accordance with local authority requirements. Environmental manager must be informed of all major spillages. Contact specialist disposal companies. Please recycle empty pack. Do not re-use empty containers. Clean empty container with water. An incineration plant can be



## SAFETY DATA SHEET

### CAPRIO 4

According to Regulation (EU) No 2015/830

burnt by the appropriate authorities.

#### **General**

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

#### **14.1.UN number**

Not applicable.

#### **14.2.UN proper shipping name**

Not applicable.

#### **14.3.Transport hazard class(es)**

**Transport Labels**

No transport warning sign required.

#### **14.4.Packing group**

Not applicable.

#### **14.5.Environmental hazards**

**Environmentally Hazardous Substance/Marine Pollutant** No.

#### **14.6.Special precautions for user**

Not applicable.

#### **14.7.Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

No data available.

### **SECTION 15: REGULATORY INFORMATION**

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

##### **Industrial safety and health act (Korea)**

Occupation environment measurement material, Special health examination material, Threshold limit values material,

##### **2) Toxic chemical substance subject to management act (Korea)**

No data

##### **Guidance Notes**

Workplace Exposure Limits EH40. 6/7R

##### **EU Legislation**

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments. System of specific information relating to Dangerous Preparations. 2001/58/EC.

#### **15.2.Chemical Safety Assessment**

No chemical safety assessment has been carried out.

### **SECTION 16: OTHER INFORMATION**

##### **H statements;**

**H304** May be fatal if swallowed and enters airways



## **SAFETY DATA SHEET**

### **CAPRIO 4**

According to Regulation (EU) No 2015/830

**Risk phrases;**

**R 45:**May causes cancer.

**Revision Comments**

SDS has been revised according to the current regulations.

**Issued By**

Cansu KOŞUCU

Tel/E-Mail:0262 677 1700 / [cansu.kosucu@petroyag.com](mailto:cansu.kosucu@petroyag.com)

**Hazard Statements In Full**

Not applicable.

**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.