

## Safety Data Sheet Aseptoman Forte

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** Aseptoman Forte

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

**Use of the substance/mixture** Hand disinfectant

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

**Producer** Dr Schumacher Kimya Sanayi ve Ticaret A.Ş.  
İbni Melek Organized Industrial Zone  
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**Contact person** Sibel Yağmur  
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#### 1.4. Emergency telephone number:

TEL: +90 232 513 50 05

### SECTION 2: Hazards identification

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

##### Classification (EC 1272/2008)

Physical and chemical hazards	Flam. Liq. 2 - H225
Human health	Eye Irrit. 2 – H319,
Environment	Aquatic Chronic 3 – H412

Full text of H and EUH statements: see section 16.

#### 2.2. Label elements

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

**Signal word** Danger



##### Hazard statements

H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
H412	Harmful to aquatic life with long lasting effects.

##### Precautionary statements

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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P233  
P305+P351+P338  
P337+P313  
P501

Keep container tightly closed  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice/attention.  
Dispose of contents/container to approved disposal company or local collection.

### 2.3. Other hazards

Vapours may form explosive mixture with air.  
The product is not considered to be PBT and vPvB.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Chemical characterization

Alcoholic solution

#### Hazardous components

Chemical name	EC No.	CAS No.	Quantity	Classification (EC) No 1272/2008)
Ethanol	200-578-6	64-17-5	< 90 %	Flam. Liq. 2 – H225 Eye Irrit. 2 – H319
Tetradecanol	204-000-3	112-72-1	< 2,5%	Eye Dam. 1 – H318 Aquatic Chronic 1– H410

Full text of H and EUH statements: see section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

Remove contaminated soaked clothing immediately. If you feel unwell, seek medical advice.

#### After inhalation

Move to fresh air in case of accidental inhalation of vapours. In the event of symptoms refer for medical treatment.

#### After ingestion

Rinse out mouth and give plenty of water to drink. Seek medical treatment immediately. If swallowed or in the event of vomiting, risk of entering the lungs

#### After contact with skin

No specific precautions required.

#### After contact with eyes

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist

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

Causes serious eye irritation.

Inhalation of vapours in high concentration can cause narcotic effects .

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

Treat symptoms.

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### **SECTION 5: Firefighting measures**

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

**Suitable extinguishing media:** Alcohol-resistant foam, dry chemical, carbon dioxide (CO<sub>2</sub>), water-spray.

**Unsuitable extinguishing media:** Full water jet.

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

Fire may produce: Carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>). Risk of formation of toxic pyrolysis products.

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

Use breathing apparatus with independent air supply.

Protective suit.

#### **Additional information**

Vapours are heavier than air and spread along ground.

The vapour/air mixture is explosive, even in empty, uncleaned receptacles.

Cool containers at risk with water spray jet.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

### **SECTION 6: Accidental release measures**

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

In case of vapour formation use respirator.

Ensure adequate ventilation.

Use personal protective clothing.

Keep away sources of ignition.

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

Do not discharge into the drains/surface waters/ground water.

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

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder).

Shovel into suitable container for disposal.

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

Observe protective instructions see Section 8.

Information for disposal see section 13.

### **SECTION 7: Handling and storage**

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

##### **Advice on safe handling**

Use only in well-ventilated areas.

Use solvent-resistant equipment.

Avoid spilling or spraying in enclosed areas

##### **Advice on protection against fire and explosion**

Keep away from sources of ignition - No smoking.

Take measures against electrostatically charging.

Vapours are heavier than air and spread along ground.

Vapour/air mixture is explosive, even in empty uncleaned receptacles.

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



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### Requirements for storage rooms and vessels

Keep container tightly closed in a dry, cool and well-ventilated place.  
Protect containers from heat / overheating.  
Keep only in original container.

### Advice on storage compatibility

Incompatible with oxidizing agents.

### Further information on storage conditions

Keep away from food, drink and animal feeding stuffs.

### 7.3. Specific end use(s)

Hand disinfectant

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure limits (EH40)

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
64-17-5	Ethanol	1000	1920		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

### 8.2. Exposure controls

#### Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas.

#### Protective and hygiene measures

When using do not eat, drink or smoke.  
Remove and wash contaminated clothes before re-use.  
Do not breath vapours or spray mist.  
Avoid contact with the eyes.

#### Eye/face protection:

If used properly, no need to wear eye protection. Otherwise wear protective goggles with integrated side shields.

#### Skin protection:

Long sleeved clothing (EN 368).

#### Respiratory protection

No personal respiratory protective equipment normally required.  
In case of insufficient ventilation wear suitable respiratory equipment (gas filter type A) (EN 14387).

## SECTION 9: Physical and chemical properties

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

Physical state:	Liquid
Color:	Colourless
Odor:	Alcoholic
pH-value(at 20 °C):	7,0
Changes in the physical state	
Melting point:	- 114 °C *
Initial boiling point and boiling range:	78 °C *
Flash point:	15 °C *
Low Explosion limits:	3,1 vol. % *

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<b>High Explosion limits:</b>	27,7 vol. % *
<b>Ignition temperature:</b>	> 400 °C *
<b>Vapor pressure (at 20 °C):</b>	58 hPa *
<b>Density (at 20 °C):</b>	approx. 0,825 g/cm <sup>3</sup>
<b>Water solubility (at 20 °C):</b>	Miscible
<b>Viscosity / dynamic (at 20 °C):</b>	approx. 9 mPa·s
<b>Solvent content:</b>	60 – 75 %

### **9.2. Other information**

\* Ethanol

## **SECTION 10: Stability and reactivity**

### **10.1. Reactivity**

No decomposition if stored and applied as directed.

### **10.2. Chemical stability**

Stable under normal conditions

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

Reactions with oxidizing agents.

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

Vapour/air mixtures are explosive at intensive warming.

Heating can release vapours which can be ignited.

### **10.5. Incompatible materials**

Oxidizing agents.

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

Carbon monoxide and carbon dioxide.

## **SECTION 11: Toxicological information**

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

#### **Acute toxic dose – product**

Based on available data the classification criteria are not met.

#### **Irritation and corrosivity**

Causes serious eye irritation.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

#### **Sensitising effects**

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

#### **STOT-single exposure**

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

#### **Severe effects after repeated or prolonged exposure**

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

#### **Carcinogenic/mutagenic/toxic effects for reproduction**

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

#### **Aspiration hazard**

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

### **Additional information on tests**

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Classification in compliance with the assessment procedure specified in the Regulation (EC) no 1272/2008.

### **Practical experience**

#### **Other observations**

Inhalation of vapours in high concentration can cause narcotic effects .  
Components of the product may be absorbed into the body through the skin.  
May cause irritation of the mucous membranes.

### **SECTION 12: Ecological information**

#### **12.1. Toxicity**

Ecological data are not available.  
Harmful to aquatic life with long lasting effects.

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

Ethanol: Readily biodegradable (to OECD criteria).

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

No data available.

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

No data available.

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

According to Regulation (EC) No 1907/2006 (REACH) none of the substances, contained in this product are a PBT / vPvB substance.

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

Low hazard to waters.

#### **Further information**

Do not discharge into surface waters/groundwater.

### **SECTION 13: Disposal considerations**

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

##### **Advice on disposal**

Dispose of contents/container to approved disposal company or local collection.

##### **Waste disposal number**

070604 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; other organic solvents, washing liquids and mother liquors  
Classified as hazardous waste.

##### **Contaminated packaging**

Empty containers should be taken for local recycling, recovery or waste disposal.  
Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.  
Packaging that cannot be cleaned should be disposed of like the product

### **SECTION 14: Transport information**

#### **Land transport (ADR/RID)**

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

UN 1170

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

ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

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

3

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

II

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**Hazard label**

3



**Classification code**

F1

**Limited quantity**

1 L/ 30 kg

**Excepted quantity**

E2

**Transport category**

2

**Hazard No**

33

**Tunnel restriction code**

D/E

**Inland waterways transport (ADN)**

**14.1. UN number**

UN 1170

**14.2. UN proper shipping name**

ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

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

3

**14.4 Packing group**

II

**Hazard label**

3



**Classification code**

F1

**Limited quantity**

1 L/30 kg

**Excepted quantity**

E2

**Marine transport (IMDG)**

**14.1. UN number**

UN 1170

**14.2. UN proper shipping name**

ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

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

3

**14.4 Packing group**

II

**Hazard label**

3



**Marine pollutant**

no

**Limited quantity**

1 L/30 kg

**Excepted quantity**

E2

**EmS**

F-E, S-D

**Air transport (ICAO-TI/IATA-DGR)**

**14.1. UN number**

UN 1170

**14.2. UN proper shipping name**

ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

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

3

**14.4 Packing group**

II

**Hazard label**

3



**Passenger LQ/ Limited quantity Passenger**

Y341 / 1 L

**Excepted quantity**

E2

**IATA-packing instructions - Passenger**

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IATA-max. quantity - Passenger	5 L
IATA-packing instructions - Cargo	364
IATA-max. quantity - Cargo	60 L
14.5. Environmental hazards	no
14.6 Special precautions for user	Take the usual precautions when handling with chemicals.
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	The transport takes place only in approved and appropriate packaging.

### SECTION 15: Regulatory information

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

2004/42/AT (VOC):	85,85 %
2021/18/AB (SEVESO III):	P5c FLAMMABLE LIQUIDS
Water contaminating class (D):	1 - slightly water contaminating

#### 15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

### SECTION 16 Other information

#### Abbreviations and acronyms

ADR: European Agreement on International Carriage of Dangerous Goods by Road.  
ADN: European Agreement on the International Carriage of Dangerous Goods by Inland Waterways.  
RID: European Agreement on International Carriage of Dangerous Goods by Rail.  
IATA: International Air Transport Association.  
ICAO-TI: Technical Specification for Safe Transport of Dangerous Goods by Air.  
IMDG: International Maritime Dangerous Goods.  
TWA: Time weighted average  
ATE: Estimated value of acute toxicity  
EC No: European Community number  
CAS: Chemical Theory Service.  
LD50: Substance that causes 50% (half) death in the test animals group (Median Fatal Dose).  
LC50: Substance concentration causing 50% (half) death in the test animals group.  
EC50: Effective Concentration of the substance causing the maximum of 50%.  
PBT: Persistent, Bioaccumulative and Toxic substance.  
vPvB: Very Permanent, Very Biofriendly.  
SEA: Classification, labeling, packaging regulation  
DNEL: Derivative Inactive Level  
PNEC: Estimated Unaffected Concentration  
BHOT: Specific Target Organ Toxicity

#### Relevant H and EUH statements (number and full text)

H225 Highly flammable liquid and vapour.  
H319 Causes serious eye irritation.  
H412 Harmful to aquatic life with long lasting effects.

#### Justification for classification

Flam. Liq. 2	: Experimental data
Eye Irrit. 2	: Calculation method
Aquatic Chronic 3	: Calculation method



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**Information sources**

This SDS is regulated by information received from the product owner.  
ECHA – [www.echa.europa.eu](http://www.echa.europa.eu)

**Editor note**

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