

# SAFETY DATA SHEET

According to EC directive 1272/2008

## APEL PU FOAM CLEANER

Release date: 01.04.2014  
Revision: 03.04.2018  
Date/No: / Rev.03  
MSDS No: SDS 045-EN

### SECTION 1. IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY

#### 1.1 Product Identifier

**Trade Name:** APEL PU Foam Cleaner

#### 1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

**Mixture Uses:** Aerosol, Cleaner

#### 1.3 Details of the Supplier of the Safety Data Sheet

Beta Kimya Sanayi ve Ticaret A.Ş.  
BOSB Aydınli Mah. 1 No.lu Cad. No:11 Tuzla - İstanbul/TÜRKİYE - 0216 593 90 97(Tel.) - 0216 593 90 98 (Fax)  
[www.apeltutkal.com](http://www.apeltutkal.com) - [msds@apeltutkal.com](mailto:msds@apeltutkal.com)

#### 1.4 Emergency Telephone Number



**Emergency Phone Number** : 114 National Poison Information Center  
**Working Hours** : Weekdays 08:00-18:00 (Turkey Time)

### SECTION 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance/mixture

The mixture meets the criteria for classification in accordance with Regulation (EC) No. 1272/2008.

#### 2.2 Hazards Identification

<b>Hazard Pictograms:</b>			
	<b>S02</b>	<b>GH</b>	<b>G</b>
<b>Signal Words:</b>	Danger		
<b>Hazard Statements</b>	<b>H222</b>	Extremely flammable aerosol.	
	<b>H319</b>	Causes serious eye irritation.	
	<b>H336</b>	May cause drowsiness or dizziness.	
<b>Precautionary Statements</b>	<b>P210</b>	Keep away from heat/sparks/open flames/hot surfaces. — No smoking.	
	<b>P280</b>	Wear protective gloves/protective clothing/eye protection/face protection.	
	<b>P261</b>	Avoid breathing dust/fume/gas/mist/vapours/spray.	
	<b>P337+P313</b>	If eye irritation persists: Get medical advice/attention.	
	<b>13</b>	Store in a well-ventilated place. Keep cool.	
	<b>P403+P235</b>	Store locked up.	
	<b>35</b>	Dispose of contents/container to ...	
	<b>P405</b>		
	<b>P501</b>		
<b>Additional Information</b>	<b>EUH066</b>	Repeated exposure may cause skin dryness or cracking.	

For full text of Hazard- and EU Hazard-statements: see SECTION 16.

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### 2.3 Other Hazards

The mixture does not meet the criteria for PBT or vPvB in accordance with the Annex XIII in the Regulation (EC) No. 1272/2008. Based on current knowledge, the mixture does not include greater than 0,1% the ratio of PBT or vPvB substances.

## SECTION 3. COMPOSITION ON INGREDIENTS

### 3.2 Mixtures

#### General chemical description:

Cleaner

#### Base substances of preparation:

#### Declaration of the ingredients according to CLP (EC) No 1272/2008:

CAS No.	EC No.	Concentration	Classification
Acetone 67-64-1	200-662-2	< %40	Flammable Aerosol 1;H222 Eye Irrit. 2;H319 BHOT Rep. Exp.3; H336
Propane 74-98-6	200-827-9	>%10	Flammable Aerosol 1;H222
Butane 106-97-8	203-448-7	>%10	Flammable Aerosol 1;H222

See the Section 16 for the full text of the H- and P- Statements.

## SECTION 4. FIRST AID MEASURES

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### 4.1 Description of first aid measures

If exposed or concerned: Get medical advice/attention. Get medical advice if you feel unwell.

**Skin Contact:** IF ON SKIN: Wash with plenty of soap and water. Get medical advice if you feel unwell. Take off contaminated clothing and wash before reuse. If skin irritation or rash occurs: Get medical advice.

**Inhalation:** Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. If symptoms develop and persist, seek medical advice in case of necessity.

**Eye Contact:** Immediately flush with plenty of water for at least 15 minutes. If eyelids are bonded closed, do not force eye open. Get medical attention. Call a POISON CENTER or doctor. Get medical advice if eye irritation persists.

**Ingestion:** Consult with a doctor in case swallowing. Rinse mouth.

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

Harmful if swallowed. May cause respiratory irritation. May cause dizziness or drowsiness.

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

See the Section 8 .

## SECTION 5. FIRE-FIGHTING MEASURES

### 5.1 Extinguishing Media

**Suitable extinguishing media:** All common extinguishing agents are suitable. Foam, carbon dioxide, dry powder

**Extinguishing media which must not be used for safety reasons:** High pressure water jet

### 5.2 Special Hazards Arising From the Mixture

Extremely flammable aerosol. Pressurized container: may burst if heated. Vapors are heavier than air and may travel a considerable distance to a source of ignition and flashback. Vapor/air mixtures are explosive. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

### 5.3 Advice For Firefighters

Danger of explosion. Keep unnecessary people away, isolate hazard area and deny entry. Cool containers with water from unmanned hose holder or monitor nozzles until well after fire is out. Do not allow to enter into surface water or drains. Wear self-contained breathing apparatus with a full face-piece and protective clothing.

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### SECTION 6. ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal Precautions, Protective Equipment and Emergency Procedures

##### **For Non-Emergency Personnel**

Use personal protective equipment. Keep children away. Provide ventilation. Keep away from igniting sources. Keep away from naked flame or any incandescent material.

##### **For Emergency Responders**

Wear personal protective fireproof clothing.

#### 6.2 Environmental Precautions

Do not empty into drains or water. Avoid release to the environment. Disposal of the chemicals must be made according to official regulations.

#### 6.3 Methods and Material For Containment and Cleaning Up

Do not pierce or burn, even after use. Avoid heat, flames, sparks and other sources of ignition. Do not spray on an open flame or other ignition sources. Stop leak if possible without personal risk. Only personnel trained for the hazards of this material should perform clean up and disposal. Use non-sparking tools and equipment. Dispose of contaminated material as waste according to Section 13.

#### 6.4 Reference to Other Sections

Any information on personal protection and disposal is given in sections 8 and 13.

### SECTION 7. HANDLING AND STORAGE

#### 7.1 Precautions For Safe Handling

Avoid contact with eyes and skin. Avoid breathing vapor and mists. Do not drink, eat and smoke in the working area. Wash hands thoroughly after handling. Use nitrile gloves and protective glass during handling. Do not spray onto a naked flame or any incandescent material

#### 7.2 Conditions For Safe Storage, Including Any Incompatibilities

Keep in a cool, well-ventilated area in original container. Away from heat, sparks and open flame.

Keep containers closed safely and check periodically in case leakage and spilling.

Protect containers from physical damage.

Carbon dioxide will occur with the moisture contact and this leads pressure increase inside the can.

**Keep only in the original container**

#### 7.3 Specific end use(s)

Adhesive Cleaner

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### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control Parameters

According to EH 40/2009 WELs :

EC No.	CAS No.	Component	TWA	STEL
200-662-2	67-64-1	Acetone	500 ppm	750 ppm
200-827-9	74-98-6	Propane	1000 ppm	-
203-448-7	106-97-8	Bütane	600 ppm	750 ppm

#### 8.2 Exposure Controls

Appropriate Engineering Controls:

Ensure good ventilation. Apply the all common precautions while working with chemicals. Use explosion-proof electrical/ventilating/lighting equipment. Keep away from heat sparks/open flames/hot surfaces.

Respiratory protection:

An air-purifying respirator with an appropriate cartridge or canister may be appropriate under certain circumstances where airborne concentrations are expected to exceed exposure limits. This recommendation should be matched to local conditions.

Hand protection:

Wear refractive gloves.

Eye protection:

Wear protective goggles.

Skin protection:

Wear protective equipment.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1 Information On Basic Physical And Chemical Properties

<b>Appearance</b>	: Aerosol, Liquid
<b>Color</b>	: Clear
<b>Odor</b>	: Characteristic (Acetone)
<b>pH</b>	: Not Applicable
<b>Melting/ Freezing Point</b>	: Not Applicable
<b>Initial Boiling Point</b>	: Not Applicable
<b>Boiling Range</b>	: Not Applicable
<b>Flash Point</b>	: Closed/ Pressured Vessel 0°C
<b>Evaporation Rate</b>	: Not Applicable
<b>Flammability of Solids and Gases</b>	: Highly flammable
<b>Explosive Limit</b>	: Not Applicable
<b>Vapour Density</b>	: Not Applicable
<b>Vapour Pressure</b>	: Not Applicable
<b>Density 25°C</b>	: Not Applicable
<b>Solubility</b>	: Soluble in ethanol and ether.
<b>Partition Coefficient (n-octanol/water)</b>	: Not Applicable
<b>Auto-ignition temperature</b>	: Not Applicable
<b>Decomposition Temperature</b>	: Not Applicable
<b>Viscosity</b>	: Not Applicable
<b>Explosive Properties</b>	: Not Applicable

## SECTION 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

Keep away from oxidizing agent, strong acids and bases.

### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

See section reactivity

### 10.4 Conditions to avoid

Keep away from sunlight and do not expose temperatures above 50°C. Protect containers from physical damage. Keep away from heat, flame and spark. Do not pierce or burn, even after use.

### 10.5 Incompatible materials

Keep away from oxidizing agent, strong acids and bases.

### 10.6 Hazardous decomposition products

In case of exposure to heat combustion products like oxides of carbons CO and CO<sub>2</sub> may occur.

## SECTION 11. TOXICOLOGICAL INFORMATION

### 11.1 Informations of Toxicological Effects

Based on available data, the classification criteria are indicated below:

**Sensitization:**

An allergic reaction cannot be excluded after repeated skin contact.

**Corrosion/Irritation:**

**Inhalation:** May cause respiratory tract irritation.

**Skin Contact:** No information on significant adverse effects.

**Eye Contact:** Causes serious eye irritation.

**Ingestion:** Consult with a doctor in case swallowing

**General Toxicology Information:**

EC No.	CAS No.	Component	Limiting Values
200-662-2	67-64-1	Acetone	500 ppm; TWA 750 ppm; STEL
200-827-9	74-98-6	Propane	1000 ppm; TWA -
203-448-7	106-97-8	Bütane	600 ppm; TWA 750 ppm; STEL

**Acute Toxicology:**

EC No.	CAS No.	Component	Toxicity
200-662-2	67-64-1	Acetone	LC50 (rat) : 50.100mg/m <sup>3</sup> (solunum)
200-827-9	74-98-6	Propane	LC50 (rat) : 658mg/L (solunum)
203-448-7	106-97-8	Bütane	LC50 (rat) : 658mg/L (solunum)

## SECTION 12. ECOLOGICAL INFORMATION

**General Ecological Information:**

The material is not biodegradable so, do not allow spreading soil, waterways or waste water canal.

**12.1. Toxicity**

EC No.	CAS No.	Component	Toxicity
200-662-2	67-64-1	Acetone	LC50 (rat) : 50.100mg/m <sup>3</sup> (solunum)
200-827-9	74-98-6	Propane	LC50 (rat) : 658mg/L (solunum)
203-448-7	106-97-8	Bütane	LC50 (rat) : 658mg/L (solunum)

### 12.2. Persistence and degradability

No data available.

### 12.3. Bioaccumulative potential

No data available.

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

Based on current knowledge, the mixture does not include greater than 0,1% the ratio of PBT or vPvB substances.

### 12.6. Other adverse effects

No data available.

## SECTION 13. DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Loaded cans must be sent to hazardous waste disposal facility. Protective glass, nitrile gloves and protective clothes must be worn during disposal in case of explosion. In consultation with the responsible local authority, must be subjected to special treatment. Disposal of the products must be made according to official regulations.

#### Waste code

According to the directive 2008/98/EC on waste management and the local regulation (02.04.2015 dated- No.29314) the waste code is:

16 05 04: gases in pressure containers (including halons) containing dangerous substances

## SECTION 14. TRANSPORT INFORMATION

#### **14.1. UN Number**

ADR/RID, IMDG, ICA/IATA : UN 1950

#### **14.2. UN Proper Shipping Name**

ADR/RID, IMDG, ICA/IATA : AEROSOL, flammable

#### **14.3. Transport Hazard Class(es)**

ADR/RID, IMDG, ICA/IATA : 2.1

#### **14.4. Packaging Group**

ADR/RID, IMDG, ICA/IATA : 2

#### **14.5. Environmental Hazards**

Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR.

#### **14.6. Special Precautions For User**

Avoid high temperature.

#### **14.7. Transport In Bulk According to Annex II of Marpol and The IBC Code**

Not applicable.

## **SECTION 15. REGULATORY INFORMATION**

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

According to EC directive on health and safety precautions while working with chemicals (2009/161/EU) and Directive on Carcinogens or mutagens at work (2004/37/EC) there are no limitations on the products and materials.

#### **15.2. Chemical safety assessment**

A chemical safety assessment has not been carried out.

## **SECTION 16. OTHER INFORMATION**

This document was prepared according to December 13, 2014 dated and 29204 numbered regulations regarding 1272/2008/EC guideline.

<b>H222</b>	Extremely flammable aerosol.
<b>H319</b>	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
<b>P210</b>	Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
<b>P280</b>	Wear protective gloves/protective clothing/eye protection/face protection.
<b>P261</b>	Avoid breathing dust/fume/gas/mist/vapours/spray.
<b>P337+P313</b>	If eye irritation persists: Get medical advice/attention.
<b>P403+P235</b>	Store in a well-ventilated place. Keep cool.
<b>P405</b>	Store locked up.
<b>P501</b>	Dispose of contents/container to ...
<b>EUH066</b>	Repeated exposure may cause skin dryness or cracking.

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