



İNŞAAT ve DIŞ TİCARET  
ANONİM ŞİRKETİ

## Safety Data Sheet

3% AFFF FIRE FOAM

Release Date : 26/02/2018  
Revision Date : 20/04/2020  
Revision Number : 002 Page  
Number : 1/6  
SDS Number : 128-1

"Regulation on Safety Data Sheets Regarding Hazardous Substances and Mixtures (13.12.2014-29204)"  
Prepared in accordance with."

### Section: 1. PRODUCT AND COMPANY IDENTIFICATION

#### 1.1 Product Information

Product Name: 3% AFFF FIRE FOAM  
Chemical Family: Mixture

**1.2 . Identified Uses of the Substance / Mixture and Uses Not Recommended** Prevents the flames from coming into contact with air, thus eliminating the ability of oxygen to spread fire.

#### 1.3. Company Information

Company : CEVHER GLOBAL İNŞAAT VE DIŞ TİCARET A.Ş.  
Barbaros Hayrettin Paşa Mah. 1993 Sok. Papatya 2 Residence A Blok No: 52  
Esenyurt – İSTANBUL / TURKEY

### Section: 2. HAZARDS IDENTIFICATION

**2.1. Classification of the Substance / Mixture Not a hazardous substance or mixture.**

**2.1. GHS Label element Pictogram: No relation , Signal word: No relation**

**2.1.1.Hazard Statement No relation 2.1.2.Precautionary Statements**

P103: Read the label before use.

P264: Wash thoroughly after handling.

P301 + P330 + P331: IF SWALLOWED: Rinse mouth. DO NOT TRY TO STAY P404: Store in closed container.

**2.1.3. Additional Hazard Statement** :None known

**2.2. Other Hazards** :None known

### Section: 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

3.2. Mixture:



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Substance	Consant	Cas No	EC No	Hazard categories	Pre.categories
Betaine	< %5	107-43-7	203-490-6	N/A	-
Propane-1,2diol	< %5	57-55-6	200-338-0	N/A	-
Glycerol	< %5	56-81-5	200-289-5	N/A	-
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	<% 10	68891-38-3	500-234-8	H319,H302	P264, P301+P330+P331

\* Explanation of H expressions is given in section 16.

### 3.2.1. Other:

Other non-hazardous ingredients: N/A

### 3.2.2 Not Classified Mixtures:

None known

## Section: 4. FIRST AID MEASURES

### 4.1. Description of first aid measures

Eye: In case of splashing into eyes, rinse with plenty of water.

Volume: No Relation.

Ingestion: If swallowed, DO NOT vomit. Rinse mouth by rinsing it with water. Never give anything by mouth to an unconscious patient. Seek emergency medical help

Respiratory: No Relation.

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

Known symptoms and effects are stated on the label (see section 2.2.)

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

Attention to Physician: Treatment should be symptomatic and supportive.

## Section: 5. FIREFIGHTING MEASURES

### 5.1. Fire extinguishers

Suitable fire extinguishing agents: Not flammable. In a possible fire: Use water spray, foam, dry chemical or carbon dioxide. Use water spray to cool unopened containers  
Unsuitable fire extinguishing agents: No relationship

### 5.1. Special hazards arising from the substance or mixture

Sodium oxide, Carbon oxide


### 5.2. Advice for firefighters


To extinguish a fire, use a full mask with oxygen tube when necessary

## 6. Section: ACCIDENTAL RELEASE MEASURES

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

Personal precautions: Personnel should be trained in control measures.

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<p><b>Protective equipment:</b> No relationship.</p> <p><b>6.2. Environmental measures</b>  No relationship</p> <p><b>6.3. Methods and materials for containment and cleaning</b>  Collect spills with non-flammable absorbent material (sand, earth, sawdust, vermiculite) and place in container for disposal in accordance with local / national legislation.</p> <p><b>6.4. Reference to other sections</b>  Use personal protective devices specified in Section 8 Dispose of spillage as specified in Section 13.</p>		
<p><b>Section: 7. HANDLING AND STORAGE</b></p>		
<p><b>7.1. Precautions for safe handling</b>  Take the necessary precautions against spills.</p> <p><b>7.2. Conditions for safe storage, including any incompatibilities</b>  Keep container tightly closed. Not exposed to heat or direct sunlight, in order to maintain product quality; store in a dry, cool and well-ventilated place</p> <p><b>7.3. Certain end uses</b>  Apart from the uses mentioned in section 1.2, no other specific uses are stipulated</p>		
<p><b>Section: 8. EXPOSURE CONTROLS/PERSONAL PROTECTION</b></p>		
<p><b>8.1.Components with workplace control parameters</b>  Contains no substances with occupational exposure limit values</p> <p>Engineering measures : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.</p> <p><b>8.2. Personal protective equipment</b></p> <p>Eye protection : No special protective equipment required.  Hand protection : No special protective equipment required.  Skin protection : No special protective equipment required.  Respiratory protection : No personal respiratory protective equipment normally required.  Hygiene measures : No specific measures identified.</p>		
<p><b>Section: 9. PHYSICAL AND CHEMICAL PROPERTIES</b></p>		
<p><b>9.1. Information on basic physical and chemical properties</b></p> <p>Appearance: Viscous Liquid  Color: Transparent  Odor: Characteristic  pH: 5.5-7.5  Density 20 ° C: ~ 1,0-1,03 g / ml</p>		

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<p>Flash Point : Not available  Flash Point : Not available  Solubility : Soluble in water</p> <p><b>9.2. Other infor</b>  None known.</p>		
<p><b>Section: 10. STABILITY AND REACTIVITY</b></p>		
<p><b>10.1. Reaction</b>  No relationship</p> <p><b>10.2. Chemical stability</b>  Stable in temperature and pressure under normal ambient conditions and anticipated storage and handling conditions</p> <p><b>10.3. Possibility of hazardous reactions</b> No relationship</p> <p><b>10.4. Conditions to avoid</b> Keep away from heat and sun</p> <p><b>10.5. Incompatible materials</b> No relationship</p> <p><b>10.6. Hazardous decomposition products</b> Sodium oxide, Carbon oxide</p>		
<p><b>Section: 11. TOXICOLOGICAL INFORMATION</b></p>		
<p><b>11.1. Information on toxicological effects</b>  Acute oral toxicity: Oral LD50 (rat): 710 - 2,300 mg / kg; Dermal LD50 (mouse): 12,000 mg / kg  [Alcohols, C12-14, ethoxylated, sulfates, sodium salts]</p> <p>11.1.2 Skin corrosion / Irritation: Not relevant.</p> <p>11.1.3 Serious Eye Damage: Not relevant.</p> <p>11.1.4 Respiratory or skin sensitization: No relationship</p> <p>11.1.5 Germ Cell Mutagenicity: Unrelated</p> <p>11.1.6 Carcinogenicity: No information available.</p> <p>11.1.7 Reproductive Toxicity: Not relevant</p> <p>11.1.8 Specific Target Organ Toxicity single exposure: No relationship</p> <p>11.1.9 Specific Target Organ Toxicity repeated exposure: No correlation</p> <p>11.1.10 Aspiration hazards: Not relevant</p>		



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### Section: 12. ECOLOGICAL INFORMATION

**12.1. Toxicity: No data available.**

**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: PBT / vPvB assessment;** Not available as chemical safety assessment is not required / not applied

**12.6. Other adverse effects: No data available.**

### Section: 13. DISPOSAL CONSIDERATIONS

#### 13.1. Waste treatment methods

**About its content:** The generation of waste should be minimized as much as possible. Avoid dispersal of spilled material, runoff and contact with soil, waterways, drains.

**Packaging waste:** Dispose of in accordance with the relevant regulation.

### Section: 14. TRANSPORT INFORMATION

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

**General** The product is not covered by international regulations 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)

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.



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### Section: 15. REGULATORY INFORMATION

#### 15.1. Specific safety, health and environmental legislation for the substance or mixture

Date of 13 December 2014 and 29204 Mük. It was prepared within the framework of the "Regulation on Safety Data Sheets for Hazardous Substances and Mixtures" and prepared by accredited expert personnel certified as stipulated by the regulation.

28733 / 12.08.2013 - Regulation on health and safety measures in working with chemical substances 27092 / 26.12.2008 - Regulation on inventory and control of chemicals

28867 / 30.12.2013 - Regulation on the prevention of major industrial accidents and reducing their effects 28848 / 11.12.2013 - Regulation on the classification, labeling and packaging of substances and mixtures

ADR - European Agreement on the International Transport of Dangerous Goods by Road. IMDG Code  
International Code of Dangerous Goods Carried by Sea.

### Section: 16. OTHER INFORMATION

The information on the product on this Safety Data Sheet has been compiled from knowledge of the individual constituents.

The data here is based on current knowledge and experience. This Safety Data Sheet examines the product in terms of safety conditions and does not give any guarantee regarding the properties of the product.

The data here is valid only when the product is used for the appropriate application (s). The product is not sold in accordance with other applications. In such a case, its use may lead to risks not mentioned in this list. Do not use for other application (s) without consulting the manufacturer

#### Full text of H (Hazard) Statements

H302: Harmful if swallowed.

H319: Causes serious eye irritation.

#### Full text of P (Precautionary) Statements

P103: Read the label before use.

P264: Wash thoroughly after handling.

P301 + P330 + P331: IF SWALLOWED: Rinse mouth. DO NOT TRY TO SWALLOW

P404: Store in closed container.

#### Authorized person for SDS

Certificate of qualification : March 2021

The period of validity : March 2026