MATERIAL DATA SHEET

CEGA EPS SERIES

Date: 10.05.2019

Producer:

Product Name / Description	CEGA EPS Series
Producer	**Cega Construction Chemicals Ltd.** Selamlar Mah. Gümüşova OSB Cad. 24/2 Gümüşova Düzce Turkey **Tel: +90 216 304 1836 (pbx) +90 (0) 380 - 731 2151** **www.cegayapi.com / info@cegayapi.com**

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION OF THE COMPANY / UNDERTAKING:

Identification of the product	: Liquid
Company Identification	: See producer
Trade name	: CEGA EPS SERIES®
Type of product	: Cement Admixture
Use	: Industrial

2. HAZARDS IDENTIFICATION:

Symptoms relating to use

-Inhalation	: Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
-Skin contact	: Repeated or prolonged skin contact may cause irritation.
-Eye contact	: Direct contact with the eyes is likely irritating.
-Ingestion	: Must not come into contact with food or be consumed. Swallowing a small quantity of this material presents some health hazard.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical nature	: Water based solution containing sodium salts
Substance Name	: Amine groups < 25 %

4. FIRST AID MEASURES:

First aid measures

-Inhalation	: Assure fresh air breathing. If you feel unwell, seek medical advice.
-Skin contact	: Wash skin thoroughly with mild soap and water. Seek medical attention if irritation develops.
-Eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking tears, or redness persist.
-Ingestion	: Rinse mouth. DO NOT INDUCE VOMITING. Seek medical attention if ill effect develops.

5. FIRE – FIGHTING MEASURES:

-Suitable extinguishing media : Foam. Powder
-Unsuitable extinguishing media : Water

Protection against fire : Wear proper protective equipment.
Do not enter fire area without proper protective equipment, including respiratory
Protection.
Special procedures : Exercise caution when fighting any chemical fire.

6. ACCIDENTAL RELEASE MEASURES:

Personal precautions : Cleanup with proper protection.
Environmental precautions : Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.
Clean up methods : Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.

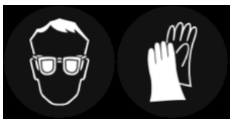
7. HANDLING AND STORAGE:

Storage : Store in dry, well-ventilated area. Keep container closed when not in use.
Handling : Eliminate quickly from the eyes, to clean the skin and clothing. Wash hands and other exposed areas with mild soap.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

Occupational exposure Limits :

Personal protection :



Respiratory protection : No special equipment is required.

Hand protection : Wear suitable gloves resistant to chemical penetration of standard material nitrile.
Skin protection : Wear long sleeves.
Eye protection : Safety glasses
Ingestion : When using, do not eat, drink, or smoke.
Industrial hygiene : Provide local exhaust or general room ventilation to minimize vapor concentrations

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical states at 20 °C	: Liquid
Colour	: Brown
Odour	: Characteristic
pH value	:8,6±0,5
Density (g/cm3)	:>1,0
Solubility in water	: Good

10. STABILITY AND REACTIVITY:

Hazardous reactions	: Contact with acids liberates toxic gas
Hazardous properties	: None under normal conditions

11. TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on knowledge of the toxicity of the product's components.

Oral LD50, rat>5g/kg.

Health Effects:

Eyes May cause transient irritation on skin Unlikely to cause harm on brief or occasional contact.
On inhalation Low volatility makes inhalation unlikely at ambient temperatures
By ingestion Low order to acute toxicity. May occur irritation of mouth, throat and digestive tract
Chronic None known

12. ECOLOGICAL INFORMATION:

Environmental Assessment	: When used and disposed of as intended, no adverse environmental effects are foreseen
Mobility	: Mobile liquid, soluble in water
Persistence and Degradability	: Expected to be not readily biodegradable
Bio accumulative potential	: Not expected to be bio accumulative

13. DISPOSAL CONSIDERATIONS:

General	: Avoid release to the environment. Comply with local regulations for disposal.

14. TRANSPORT INFORMATION:

General information	:Not classified
IMDG -Marine pollution	:No

15. REGULATORY INFORMATION:

Hazard Label Data :

This product is NOT classified as dangerous for supply in Turkey.

Safety Phrases : R32 : Contact with acid liberates toxic gas
S7 : Keep container tightly closed.
S9 : Keep container in a well-ventilated place.

16. OTHER INFORMATION:

Text of R-Phrases in § 3

R8 : Contact with combustible material may cause fire.
R20/21/22 : Harmful by inhalation, in contact with skin and if swallowed.
R22 : Harmful if swallowed.
R32 : Contact with acids liberates very toxic gas.
R36/38 : Irritating to eyes and skin.
R38 : Irritating to skin.
R41 : Risk of serious damage to eyes.
R48/22 : Harmful : danger of serious damage to health by prolonged exposure if swallowed.

The contents and format of this SDS are in accordance with EEC Commission Directive 1907/2006 CE (REACH).
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