

Material Safety Datasheet

Detergent Chemicals

EBCA LAN 2000

Edition 03-2021

1. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY

Product Name: EBCA LAN 2000

Identified uses: Used in the production of Detergent industry adhesives

Supplier Details: Egyptian British Co. I 2nd industrial zone Block no. 161-165 , 6th of October city , Egypt

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2. HAZARDS IDENTIFICATION

Ingestion: Unlikely to be harmful unless excessive amount swallowed classified I Human health Not classified I Environment Not classified

Inhalation: Not applicable at ambient temp. vapor can cause irritation.

Environmental Hazards: Not applicable

Skin contact: Has no side effect.

Eye contact: Can cause irritant.

Physical / Chemical Hazards: Not applicable.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization: Sodium Salt of Acrylic-Maleic Acid Co-polymer

4. FIRST AID MEASURES

Inhalation: Move to fresh air. If symptoms persist, call a physician.

Ingestion: Give plenty of water to drink and obtain medical advice.

Skin contact: Wash with water before the dispersion dries. If symptoms persist, call a physician.

Eye contact: Wash with water for several minutes. Seek medical attention if irritation persists.

5. FIREFIGHTING MEASURES

Extinguishing media: Foam, dry powder, carbon dioxide (CO2) and water spray.

Unsuitable extinguishing media: None.

Specific hazards: None.

Special protective equipment: Wear self-contained breathing apparatus for firefighting if necessary .

Environmental precautions: Dike and collect water used to fight fire.

Other information: This is a water-based product and presents no particular fire or explosion .

Protective equipment for fire-fighters: Proper protective equipment including breathing apparatus must be worn when approaching a fire.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Contaminated surfaces will be extremely slippery. Avoid contact with the skin and the eyes.

Environmental precautions: Do not allow material to contaminate ground water system.

Do not flush into surface water or sanitary sewer system.

Clean-up methods: be soaked up with an inert absorbent e.g. sand for disposal.

7. HANDLING AND STORAGE

Handling:

Advice on safe handling: Product may contain hazardous volatile which could accumulate in unvented headspace of drums or containers.

Open containers in ventilated area. Do not breathe vapor.

Storage:

Material storage: Protect from frost. To maintain product quality, do not store in heat or direct Sunlight. Keep a temperatures between 5 °C and 25 °C.

Storage conditions:

Incompatible products: Keep tightly closed in a dry and cool place.

Incompatible products: No special restrictions on storage with other products .

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits

Engineering measures: Use only with adequate ventilation.

Hygiene measures: Wash hands before breaks and the end of workday.

When using, do not eat, drink or smoke. Take off all contaminated clothing immediately. Wash contaminated clothing before re-use.

Personal protective equipment - Production scale

Respiratory system: Suitable respiratory equipment i.e. masks when spraying

Skin and body: Wear suitable protective clothing.

Eyes: Safety glasses with side shields.

Hands: Wear suitable gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

• Appearance	Clear Yellowish - Viscous Liquid
• Chemical nature	Sodium Salt of Acrylic-Maleic Acid Co-polymer
• Average (Mw)	55,000 - 75,000
• Total solid (%)	40.0 ± 2.0%
• Water content (%)	60 ± 2%
• PH (20% soln. @ 23°C)	7-9
• Specific gravity (20/20°C)	1.3 ± 0.1
• Viscosity (Brookfield; as is @ 23°C – spindle No. 4 @ 20 rpm)	750.0 ± 250.0 mPas
• Residual Acrylic Acid	<500 ppm

10. STABILITY AND REACTIVITY

Stability: Stable under recommended storage and handling condition (section 7).

Conditions to avoid: Do not freeze.

Materials to avoid: Materials that react with water.

Thermal decomposition: No decomposition if stored and applied as directed.

11. TOXICOLOGICAL INFORMATION

Inhalation: Long term experience of handling this class of product under industrial conditions indicated the absence of any chronic or acute effects.

Skin contact: Repeated contact may cause non allergic dermatitis.

Eye contact: Contact with eyes may cause irritation.

12. ECOLOGICAL INFORMATION

This product is totally miscible with water and will be progressively diluted if admitted to waterways. The base polymer is slowly biodegraded.

In low concentrations, the product exhibits low toxicity of fish. Low concentrations of this product are unlikely to reduce sludge activity in sewerage treatment.

The polymer will be largely absorbed on the sludge and is consequently removed from the waste water.

13. DISPOSAL CONSIDERATIONS

The product is not classified as hazardous waste. The product can be coagulated and separated from aqueous phase for landfill incineration.

Unclean empty packaging: Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for re-use.

14. TRANSPORT INFORMATION

Not classified as a hazardous and need no special transport regulations.

15. REGULATORY INFORMATION

Hazardous material: No

Labeling: None

16. OTHER INFORMATION

We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment.

Our commitment to responsible care is integral to conduction our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

Egyptian British Company maintains Material Safety Data sheets (MSDS) on all of its products. These contain important information that you may need to protect your employees and customers against any known health and safety hazards associated with our products. We recommend you to obtain copies of MSDS for our products, from our technical representative, and obtain copies of MSDS from your suppliers of other raw materials used with our products.