Egyptian British Co.
Specialty Chemicals & auxiliaries

Material Safety Datasheet

EBCA QUEST 350

Edition 12-2024

1. IDENTIFICATION OF THE SUBSTANCE ANDTHE COMPANY

Product Name: EBCA QUEST 350
Identified uses:Used in the production of Detergent industry
Supplier Details: Egyptian British Co. l 2nd industrial zone Block no. 161-165 , 6th of October city , Egypt
Authorized contacts: (Tel.) +20238202202-5lines l (Fax.) +20238202020

2. HAZARDS IDENTIFICATION

Ingestion: Unlikely to be harmful unless excessive amount swallowed.
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 : Organic phosphate

4. FIRST AID MEASURES

General : Protection of first-aiders: Put on appropriate personnel
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
Unsuitable extinguishing media : None.
Special protective equipment full
protective clothing for firefighters: Wear self-contained breathing apparatus for firefighting if Wear self-contained breathing apparatus for firefighting if
Environmental precautions Other information : Dike and collect water used to fight fire. This is a water-based product and presents no particular

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 ingredients which could
Storage Material storage : Protect from frost. To maintain product quality, do not
Storage conditions Incompatible products : Keep tightly closed in a dry and cool place. No special restrictions on storage with other products.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits Engineering measures Hygiene measures: Use only with adequate ventilation.
Hygiene measures Wash hands before breaks and the end of workday.
When using, do not
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

▪ Property	EBCA QUEST 350
▪ Composition	1-HYDROXYETHYLIDENE-1,1-DIPHOSPHONIC ACID TETRASODIUM SALT
▪ Appearance	Colorless to pale yellow liquid
▪ Ionic nature	Anionic
▪ PH	12 - 14
▪ Solubility	Soluble in water .
▪ concentration %	37 ±1
▪ specific gravity	1.25-1.35 g/ml (at 20 °C)

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 biodegrated. 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

13. DISPOSAL CONSIDERATIONS

The product is not classified as hazardous waste. The product can be coagulated and separated from
Unclean empty packaging : Contaminated packaging should be emptied as far as

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.

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