

## Biocide A CMIT FATC- B -14

### I – IDENTIFICATION:

<b>Product Name</b>	: B-14
<b>Chemical Description</b>	: Aqueous solution containing sulphonated polymer and isothiazolin compounds.
<b>Use</b>	: Micro biocide for cooling water treatment – Cooling Towers and closed systems.
<b>Form</b>	: Liquid solution.
<b>Color</b>	: Colorless.
<b>Odour</b>	: Tangent.

### II - COMPOSITION INFORMATION:

<u>Component :</u>	<u>% - range</u>	<u>CAS – nr</u>	<u>MAC – value</u>
1. 2methyle-4-isothiazoline-3-one	5 – 10	-	n.e. (*1)
2. Sulphonated Polymer	5 – 10	-	-
3. Chloro-Methy isothiazoline	10 – 15	-	n.e. (*1)

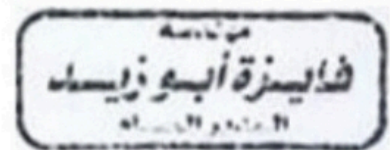
#### NOTES :

(\*1) : 0.15 mg/m<sup>3</sup> as aerosol / mist

Note : This product contains performance additives of which the specific chemical identity has been withheld as a trade secret.

### III - PHYSICAL & TECHNICAL SAFTEY DATA:

<b>Ph</b>	1.0-4.0
<b>Boiling point</b>	: 100°C
<b>Sp.gr.</b>	: 0.9-1.0
<b>Vapour pressure</b>	: Similar to water
<b>Solubility in Water</b>	: Complete
<b>Flash-point</b>	: None



الإدارة: 57 ش هشام لبيب - الحي الثامن - مدينة نصر- القاهرة - جمهورية مصر العربية

eng.faizaabouzeid@fa-tc.com, eng.faizaabouzeid@gmail.com

002-01066464775



FAIZA ABOU ZEID  
TRUSTED CHEMICALS

شركة فايزة ابوزيد للمعالجات الكيميائية

سجل تجاري: 229586

الرقم الموحد: 29586 - 04002 - 10530

بطاقة ضريبية: 761 - 270 - 698

ملف ضريبي: 720

رقم التسجيل بهيئة البترول برقم 32 لجنة 18 يوليو 2024

## Biocide A CMIT FATC- B -14

### Hazardous decomposition products:

- \* At normal use : Unavailable.
- \* In case of fire : CO<sub>2</sub>, CO, gases.

**Hazardous reactions:** None Known.

## IV - TRANSPORT DETAILS

The information in this section is for reference only and not take the place of a shipping paper (bill of lading) specific to an order .please note that the proper shipping Name/Hazard Class may vary by packing, properties, and mode of transportation. Typical proper shipping Name for this product are as follow.

### LAND TRANSPORT:

Proper Shipping Name: Product is not regulated during transportation

### AIR TRANSPORT:

Proper Shipping Name: Product is not regulated during transportation

### MARIN TRANSPORT:

Proper Shipping Name: Product is not regulated during transportation

## V - REGULATIONS

**EEC-Hazard symbol** : C; Corrosive

**Risk phrases** : 20/21/22, 38, 41

(R20/21/22) Harmful if swallowed and harmful by inhalations . (S38) Causes severe burns .

(R41) Risk of serious damage to eyes .

**Safety phrases** : S: 36/37/39, 27,26,28,44

(S23) Do not breath gas/fumes/vapour/spray . (S26) In case of contact with eyes, rinse immediately with plenty of water and seek medical advice . (S28) After contact with skin, wash immediately with plenty of water ( and soap ) .

## VI - PROTECTIVE MEASURES, STORAGE & HANDLING:

### Technical protective measures :

\*Storage : (S7/9) Keep container tightly closed and in a well-ventilated place . (R13) Keep away from food, drink and animals feeding stuff . (R47) Keep at temperature not exceeding 50°C . (R49) Keep only in original container .

\*Handling : (S51) Use only in well-ventilated areas . For dosages refer to the product's Technical Data Sheet .

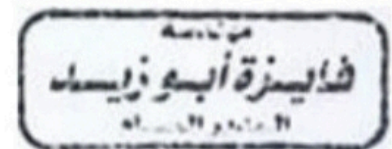
### Personal protection :

\*Respiratory tract : (S23) Do not breath gas/fumes/vapour/spray (S38) In case of insufficient ventilation, wear suitable respiratory equipment .

\*Hands : (S37) Wear suitable gloves . (impermeable: e.g. neoprene or other material resistant to hydrochloric acid ) .

\*Eyes : (S39) Wear eye/face protection . ; Close-fitting splash goggles .

2 / 4



الإدارة: 57 ش هشام لبيب - الحي الثامن - مدينة نصر- القاهرة - جمهورية مصر العربية



[eng.faizaabouzeid@fa-tc.com](mailto:eng.faizaabouzeid@fa-tc.com), [eng.faizaabouzeid@gmail.com](mailto:eng.faizaabouzeid@gmail.com)



002-01066464775



FAIZA ABOU ZEID  
TRUSTED CHEMICALS

شركة فايزة ابوزيد للمعالجات الكيميائية

سجل تجاري: 229586

الرقم الموحد: 29586 - 04002 - 10530

بطاقه ضريبية: 761 - 270 - 698

ملف ضريبي: 720

رقم التسجيل بهيئة البترول برقم 32 لجنة 18 يوليو 2024

## Biocide A CMIT FATC- B -14

**Industrial hygiene :** Wash hands after use . (S20/21) When using do not eat, drink or smoke . (S27)  
Take off immediately all contaminated clothing . Wash before re-use .

**Protection against Fire and Explosion :** Not applicable .

**Disposal :** (S29) Do not empty into drains . The pure product is fish toxic . (See 'spills') .

### VII - ACCIDENT & FIRE PROCEDURES:

**Spillage / leakage :** Dike and absorb on inert materials like sand, earth or 'vermiculite' and collect into a plastic container . (S40) To clean floor and all objects contaminated by this product, use a solution of 10.7% sodium bi-sulfite ( $\text{NaHSO}_3$ ) with a pH of 4.2. The ratio decontaminant FATC- B -14 should be 4:1 . After the reaction time of 30 minutes absorb as above. Flush the floor with plenty of water .

**FIRE : Extinguishing media :** No special media required .

**Special procedures :** (S41) In case of fire do not breath fumes . Wear self-contained breathing equipment and protective clothing . Keep containers cool by spraying with water.

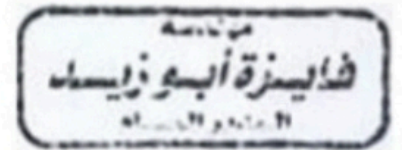
### VIII - FIRST AID:

\* **Skin-contact** : (S28) After contact with skin, wash immediately with plenty of water ( and soap ) . If necessary (redness, persistant irritation etc.) get medical attention .

\* **Eye-contact** : (S26) In case of contact with eyes, rinse immediately with plenty of water and seek medical advice .

\* **Inhalation** : Remove person to fresh air . (S44) If you fell unwell, seek medical advice (show the label where possible) .

**Further information :** If swallowed give 2 glasses of water to drink and seek medical advice immediately .



الإدارة: 57 ش هشام لبيب - الحي الثامن - مدينة نصر- القاهرة - جمهورية مصر العربية

eng.faizaabouzeid@fa-tc.com, eng.faizaabouzeid@gmail.com

002-01066464775

## Biocide A CMIT FATC- B -14

### X - TOXICITY & ENVIRONMENTAL INFORMATION:

#### Data on Toxicity :

- \* Oral LC50 (Rat) : 3800 mg product/kg .
- \* Dermal LD50 (Rabbit) : > 5000 mg /kg (acute)

#### - Fish toxicity :

- \* LC50 (Rainbow Trout): (Dynamic test : 6 days) : 10 mg product/liter .
- \* LC50 (Bluegill Sunfish): (Static test : 6 days) : 38 mg product/liter

### XI – Special Protection :

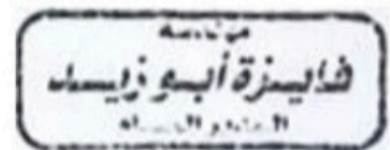
- Additional Information : above tests have been performed with pure product. In practice the (cationic) active ingredients will adhere to mud and other cooling water fouling, which may result in lower fish toxicities of the effluent.

#### Further advice :

The product is considered corrosive to eyes, also at low concentrations .

### XI – User and responsibility:

We believe the statements, technical information and recommendation contained here in are reliable. But the are given with out warranty or guarantee of any kind , express or implied and we assume no responsibility for the loss , damage or expense direct or consequential , arising out of their use .



الإدارة: 57 ش هشام لبيب - الحي الثامن - مدينة نصر- القاهرة - جمهورية مصر العربية



[eng.faizaabouzeid@fa-tc.com](mailto:eng.faizaabouzeid@fa-tc.com), [eng.faizaabouzeid@gmail.com](mailto:eng.faizaabouzeid@gmail.com)



002-01066464775