

CM – 222

Version 1

Print date: 11/21/2013

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY / UNDERTAKING**Product information**

Product name : CM – 222

COMPANY : PT. Crystal Anugerah Abadi
Gedung Perwata Tower, Lt 11 Suite F
Jl. Pluit Selatan Raya Kav 1, CBD Pluite
Jakarta 14440

Telephone : +62 – 21 – 66676872
Telefax : +62 – 21 – 66676870

2. COMPOSITION / INFORMATION ON INGREDIENTS**Chemical characterisation:**

Description: : This product is used in internal boiler water treatment

3. HAZARDS IDENTIFICATION

Hazard symbol : Xi - irritant

4. FIRST AID MEASURES

Eye contact : Immediately flush eyes with water for at least 15 minutes while holding eyelids open. Seek medical advise if necessary.

Skin contact : Immediately wash with water and soap. Remove contaminated clothing and wash off affected area with plenty of water.

Ingestion : Do not induce vomiting. Give plenty of water or milk. Call doctor

Inhalation : Remove to fresh air, in serious cases seek medical attention.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : N/A

Flash point : > 100 °C

Protective equipment for fire fighting : None

CM – 222

Version 1

Print date: 11/21/2013

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Safety goggles and gloves
- Environmental precautions : No special problems minimize/prevent product flowing into drains or water courses
- Methods for cleaning up : Absorb the product into sand or another inert materials and dispose of as solid waste in accordance with local regulation.

7. HANDLING AND STORAGE**Handling**

- Safe handling advice : Open and handle receptacle with care.
- Protection against fire and explosion : Avoid exposure to direct sunlight and high temperature.
- Storage conditions : Store the containers tightly closed, in the common storage facility.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Personal protection equipment**

- Respiratory protection : Cartridge respiratory.
- Hand protection : Protective gloves.
- Eye protection : Protective goggles.
- Body protection : Protective working clothes.
- General safety and hygiene measures : Keep away from foodstuff, avoid contact with eyes and skin.

9. PHYSICAL AND CHEMICAL PROPERTIES**Appearance**

- Form : Liquid
- Odour : Characteristic

Other data

- Flash point : > 100 °C
- Density (25 °C) : 1.00 – 1.30 g/ml

CM – 222

Version 1

Print date: 11/21/2013

pH : >12.0

10. STABILITY AND REACTIVITY

Stability : Stable under normal conditions.

Hazardous decomposition products : None

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : No toxicity studies have been conducted on this product.

Primary skin irritation : Irritation occur if expose prolonged contact

Primary eye irritation : Irritating to eyes.

12. ECOLOGICAL INFORMATION

Acute fish toxicity : Not determined

13. DISPOSAL CONSIDERATIONS

Product : The product should be dispose of in accordance with local legal regulation. Do not allow product to reach sewerage system.

Uncleaned packaging : Should be disposed of in the same manner as the contents.

14. TRANSPORT INFORMATION

Further information : Not restricted according to transport regulations.

15. REGULATORY INFORMATION

None

CM – 222

Version 1

Print date: 11/21/2013

16. OTHER INFORMATION

Department responsible for data sheet: SUQ/Product safety.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.