

CM – 234

Version 1

Print date: 11.04.2014

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

Product name : CM – 234

COMPANY : PT. Crystal Anugerah Abadi
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Jakarta 14440

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

Description: : Organic copolymer mixture

3. HAZARDS IDENTIFICATION

No particular hazards known.

4. FIRST AID MEASURES

Eye contact : Rinse with much water for a prolonged time – if ill effects occur seek medical advice.

Skin contact : Wash with water and soap. Take off contaminated clothing.

Ingestion : If ill effects occur seek medical advice immediately.

5. FIRE-FIGHTING MEASURES

Specific hazards during fire fighting : None known.

Special protective equipment for firefighters : No special requirements.

Suitable extinguishing media : Water mist, foam, carbon dioxide, dry powder

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Spilled product causes surfaces to become extremely slippery.

Environmental precautions : Collect with absorbents. Flush small residuals with much water into the drain for subsequent biological waste effluent treatment.

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7. HANDLING AND STORAGE**Handling**

Safe handling advice : no special requirements

Storage

Requirements for storage areas and containers : no special requirements

Storage temperature : > 5,00 °C

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Components with workplace control parameters**Base : MAK
Remarks: : Not applicable.**Personal protection equipment**

Hand protection : Recommended.

Eye protection : Recommended.

Hygiene measures : Obey reasonable safety precautions and practise good housekeeping.

9. PHYSICAL AND CHEMICAL PROPERTIES**Appearance**

Form : Liquid

Colour : Light Yellow

Other dataStarts to boil at : ~ 100 °C
Water.

Ignition temperature : Not determined

Density : 1.00 – 1.10 g/cm³

Water solubility : Soluble

pH neat : 3.0 – 6.0

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10. STABILITY AND REACTIVITY

Thermal decomposition : Stable under usual application conditions.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50 Mouse.
Dose: > 5000 mg/kg
Method: preliminary investigation
(by analogy)

12. ECOLOGICAL INFORMATION**Elimination information (persistence and degradability)**

Biodegradability : Prevent concentrated product from penetrating into waters without biological waste water treatment.
Because of its specific substantivity the product can be eliminated well in biological waste effluent treatment plants (binding on digestive sludge).

Bacterial toxicity : N.a.

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13. DISPOSAL CONSIDERATIONS

Product : Dispose of whilst observing local legal regulations, e.g. in a suitable incineration plant.

Contaminated packaging : Undamaged packaging may be responsibly reused after proper cleaning.

14. TRANSPORT INFORMATION

Further information : Not restricted according to transport regulations.

15. REGULATORY INFORMATION

Labelling according to EEC Directive

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General advice : not subject to compulsory marking

National legislation / regulations

"Flammable Liquids" classification : Not applicable.

Water contaminating class : 1 slightly hazardous to water (own classification)

16. OTHER INFORMATION

n.a.

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