

Recycling Information

Leaflet 6: Mediphase[®] -15 PCM

Environmental summary

Mediphase[®] -15 PCM's are manufactured using three main components:

- Non-toxic salt based phase change material (PCM) solution. Blend of inorganic salts, nucleating agents and micro biocides.
- HDPE injection moulded bottle.
- Foil sealing cap (aluminium / plastic HDPE).

Disposal considerations – options:

Reuse: points to look out for

1. Inspect the bottle for mechanical damage; splits or stress marks
2. check integrity in the seal of the foil cap
3. If the bottle has been standing for a period of time shake before reuse

Recycling: instructions for disposal

1. Remove foil cap.
2. Empty PCM solution via a foul sewer and pour plenty of water to dilute further. **Do not empty into drains or water courses.**
3. Bottle to recycling as appropriate. However the material is suitable for energy recovery, or disposed with non-hazardous waste destined for licensed landfill sites.

Advice on the preferred method should be sought from National and local Waste Regulation Authorities or equivalent bodies if outside the UK.

Solution (PCM)

Ecological Information:

No expected damaging effects to aquatic or soil environment.

Solution (PCM):

Evaluation: Biodegradable.

Aquatic toxicity:

None expected to be connected with leaks and spills.

Ultimate biodegradability:

Not expected to be readily biodegradable.

Bottle:

No expected damaging effects to aquatic or soil environment.



References

A Safety Data Sheet (SDS) can be requested for this product, please contact us by telephone or through our website.