RESPONSIBLE DISPOSAL – HELPING USERS AND THE ENVIRONMENT

Investment in the environment is one of our top priorities. From user-friendly cuvettes to detailed product labelling and environmentally responsible disposal. Used reagents and instruments are professionally recycled at the Hach® Environment Centre in Germany.

Recycling of packing material

- Glass recycled for building materials industry
- Cardboard boxes reused
- Folding boxes recycled
- PE bottles become new granulate
- Plastic blisters become films and brush bristles

Cuvette shredder

- Crushing of cuvettes
- Separation of reagents
- Separation of plastic (label, lid) and glass

Separation

- Sorting of plastic blisters and glass cuvettes

Registration & sorting

- Checking of incoming deliveries
- Organising disposal certificates
- Separating board, canisters and electronic scrap
- Sorting into reagent groups

Electrolysis

- Wastewater free process for COD reagents
- Separation of acids
- Processing of amalgam to silver and mercury

FURTHER PROCESSING TO PRODUCE SILVER BARS

ACID TO RECYCLING

Wastewater treatment

- Detoxification and neutralisation
- Biological AOX elimination
- Activated charcoal filtration

DOMESTIC LANDFILL

SEWER

User safety

- Clear legible labelling in compliance with EU directives
- All safety information is on the packaging
- The cuvette serves as transport, reaction, measurement and disposal vessel

GHS hazard codes

GHS01 GHS02 GHS03 GHS04 GHS05 GHS06 GHS07 GHS08 GHS09



Laboratory Analysis
COD, TOC, AOX, ammonium, phosphate, cyanide, sulphide, sulphate, silver, chromium, mercury

Online analyis
Dissolved oxygen, pH, temperature, ammonium, nitrate, level

www.hach.com

Be Right™

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