

Notes on the delivery of wastes in drums and containers

1. Employment of drum labels

In order to fulfill legal requirements, full traceability of receptacles is required. GSBs label for receptacles (so called `drum label') ensures with its unique barcode that every single receptacle can be traced properly.

Thus, please use only ONE label per receptacle. Each drum label may only be used once and no copies shall be made.

The label needs to contain the following information:

- > Customer no. and name
- > Contract no.
- Waste description and project no. (if available) (Trade or business names are not sufficient)
- > Quality code
- Waste Code (EWC European Waste Code)
- > ADR classification, such as UN class and no. (if applicable)
- In case of Plastic-IBCs and salvage barrels, please tick whether empties are to be returned as otherwise they will be destroyed

Receptacles arriving without GSB drum label, need to be labelled at your expense.

Receptacles without any information on content will be analysed by GSB; costs for analysis will be charged.

Please affix the upper, biggest part of the label (framed in red) to the side of the receptacle.

It is coated with a permanent adhesive. Should you, however, determine that the label does not stick appropriately on your receptacle, please use additional permanent adhesive. Please use a weatherproof felt pen for lettering, such as *Edding 3000*, in order to ensure it does not fade until final disposal.

After the upper part has been peeled off, two small labels remain on the strap:

Label A (framed in blue, at the bottom left), which does only contain the barcode, is to be placed on the lid of the drum.

In case of IBC > 450l, please affix label A together with label B (UN no., framed in green, at the bottom right) on the oppsite side of the big label.

Besides the UN no., please do not forget to apply ADR danger labels on two opposite sides.

To order (pre-filled) drum labels and ADR danger labels, please complete our order form and send it via E-Mail to <u>etiketten@gsb.bayern</u>. kontakt@gsb.bayern www.gsb.bayern

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2. Return of receptacles

Single-use receptacles (drums, canisters etc.) cannot be returned as they are disposed of together with the waste itself.

Returning <u>uncleaned</u> metal and plastic IBCs or boxes as well as large packagings made of metal is possible, if

- receptacle is intact, compliant to ADR and can be loaded safely,
- receptacle can be depending on the waste easily emptied,
- > does not contain accumulating residues of waste,
- > receptacles are being picked up within two weeks after emptying
- receptacles are labelled properly and visibly as follows:

Receptacles need to be labelled on both sides of the forklift channels. Label should show dimensions of paper format "DIN A4" (ca. 30x20 cm) and contain the following, legible information:



Emptied metal IBCs, boxes or large packagings which have not been marked properly will be returned at the expense of the customer.

Plastic IBCs and boxes without return marking cannot be returned and will be disposed of.

Any resulting additional costs will be charged accordingly.

Plastic IBCs and boxes can only be returned if the original content is completely liquid.

Those with viscous and pasty wastes cannot be returned and will be disposed of after emptying.

Notes on emptying:

IBCs containing solid and viscous/pasty waste are being emptied by turning them upside down via a forklift. This is only possible if IBC has forklift channels.

In case of metal IBCs we recommend to use plastic inliners in order to ensure complete emptying.

In case of receptacles containing pasty waste for our sludge bunkers equipped with concrete pumps (so called "Putzmeister"), inliners may not be used.

Plastic IBCs which can only be emptied by turning them have to be disposed of due to inevitable damages. IBCs containing liquid wastes are being emptied via suction hose.



3. Packaging and Transport

- Only wastes with the same contract and quality code shall be packed on the same pallet.
- Select containers which are safe for transport, mechanically intact, lockable and not corroded. No residue shall adhere to the outside of the packaging. In case of dangerous goods, receptacles need to be compliant to ADR. The approved period of use for hazardous goods packaging shall last at least twelve months starting with the date of delivery. Please ensure that packaging is chemically resistant against its content. Glass or ceramics are not sufficient as outer packaging. Please consider that, in case of most plastic packagings, the approved period of use for hazardous goods packaging is limited to five years starting with the date of manufacture (please see section 4.1.1.15 ADR). Please do strictly adhere to ADR regulations such as obligatory inspections, substance-specific packing provisions etc.
- Please adhere to our specifications regarding type and size of the packaging.
- Packaging with liquid waste shall be filled up to 90% only. This does also comply with section 4.1.1.4 ADR.
- Please avoid overpressure in the receptacles used! Please consider corrosion or other chemical reactions as well as temperature during intermediate storage and transport.
- If used and completely emptied receptacles are employed for the delivery of waste, please remove or destroy the old labelling in order to avoid any confusion. This does also include formerly used GSB drum labels. The former content of the receptacle may not react dangerously with the waste to be filled in.
- Big Bags delivered on pallets are stored like packed waste and therefore need to be labelled with a GSB drum label. <u>Inapplicable labelling on Big Bags, e.g. reference to Asbestos, is to be blackened.</u>
- Besides proper labelling, which includes information on hazardous characteristics of the waste, please do also consider potentially relevant legal regulations (e.g. ADR, CLP).
- Packages are to be loaded properly in order to avoid any damage to receptacles or slipping of the load during transport.
- Packages to be delivered palletised (stable pallets such as CP1 or CP3, single-layer only) with labels facing outside and legible at all times. Each pallet is to be secured as individual cargo unit; belts, straps or shrink-wrapping are to be applied per every single pallet. Please ensure no protruding over the edge of the pallet. The delivery of stacked cardboard boxes is possible.
- Stacked pallets to be delivered as an exception shall be secured separately, e.g. by shrink-wrapping.
- Clamping rings of drums are to be closed, with lock showing outwards to ensure easy opening without turning the drum.



- Wastes allocated to <u>class 6.1 ADR</u>, <u>can only be accepted at GSB sites</u> <u>Ebenhausen</u>, <u>Munich and Augsburg</u>.
- Generally excluded from acceptance: Classes 1 and 7 ADR.
- In case of wastes with a significant hazard potential or particular ways of disposal, please adhere to the following packaging and delivery instructions:

| | Phlegmatized or desensitized wastes | | |
|--------------------------------|--|--|--|
| | ADR class 5.1 | | |
| | ADR class 6.2 | | |
| е | ADR class 4.3 as well as | max. 20 pallet spaces per | |
| | ADR class 4.1 – Aluminium bronze | delivery for single-layer | |
| | ADR class 4.1 – several metal | Euro-pallets. | |
| | powders | | |
| sit | ADR class 4.2 – pyrophoric alloys | Receptacles must be utterly | |
| Ľ | ADR class 4.2 – sponge iron | dry (no rain-wet drums etc.) | |
| Ebenhausen site | ADR class 6.1 – low concentrated Phosphides (e.g. pesticides) | To be agreed with our scheduling dept. in due time! | |
| Acceptance only possible at Eb | Organic Peroxides, ADR class 5.2, temperature controlled/refrigerated | 3 pallet spaces with 90 cm max. height 2 pallet spaces with 130 cm max. height each incl. Euro-pallet, refrigerated Max. volume of receptacles: 60 litres To be agreed with our scheduling dept. in due time! | |
| Ac | Organic Peroxides, ADR class 5.2 | max. 12 pallet spaces per delivery for Euro-pallets, not refrigerated, max. height 110 cm incl. pallet To be agreed with our scheduling dept. in due time! | |



| Acceptance only possible at Ebenhausen site | Wastes in salvage packaging | Salvage packaging can only be accepted at our site in Ebenhausen and only as an exception. If salvage packaging is to be delivered, please contact your responsible sales officer in advance and provide the following information: • Detailed information on the content and condition of the salvaged material • Detail photos of salvaged material • Explanation why salvage packaging is used Proper salvage packaging has to be used which is resistant against the salvaged material. Furthermore please be informed that the delivery of wastes in salvage packaging may result in extra costs due to the additional effort. |
|---|-----------------------------|--|
| Elevator for drums | | Max. dimensions per receptacle: Height: 98 cm Diameter: 69 cm Max. weight acc. to approval. |

Any derogation from these acceptance criteria has to be agreed with GSB before delivery.

For the delivery of empty receptacles, please see also customer information D1138 *Hinweise zur Annahme von Leeremballagen*.

In case of any further questions, please do not hesitate to contact us at $+49\ 8453\ 91-241.$