

Operating manual

for metal intermediate bulk containers (IBC) for solids and pasty substances

Type SAP, SAP-1, SAP-2, SAP-3 (Version 5)



About these instructions

These instructions describe the use, transport, setting up, filling and emptying of the Container (intermediate bulk container) (IBC) SAP, SAP-1, SAP-2, and SAP-3

The container is approved as metal intermediate bulk container (IBC) 11A for solids with the coding X, Y,Z and as packaging (steel crate) 4A with the coding X, Y, Z.

The instructions include:

- Spare parts list
- Approval certificate

Type	Approval certificate no.
SAP 600, 800	D/BAM 0099/11A (IBC)
SAP 450, 600, 800, 600-2, 800-2	D/BAM/0410/11A (IBC)
SAP 450, 600, 800	D/BAM/10012/4A (steel crate)
SAP 450-1, 600-1, 800-1, SAP 450-3, 600-3, 800-3	D/BAM/6007/11A (IBC)
SAP 450-1, 600-1, 800-1 SAP 450-3, 600-3, 800-3	D/BAM/6917/4A (steel crate)
SAP 450, 600, 800 stainless steel	D/BAM/12691/11A (IBC)

Description of the container

The SAP, SAP-1, SAP-2, and SAP-3 type containers are single-walled, frameless, galvanised steel containers with a volume of 450, 600 and 800 litres.

The containers are equipped with stable feet, pockets for forklift forks and eyelets for mounting chain hangers in the stacking corners.



Intended use of the container

The containers may be used for

- transport in accordance with GGVSEB (road, rail and inland waterways)
- storage and
- as collection containers

solid, pasty materials and waste materials whose use is expressly permitted in the individual classes of the GGVSEB (ADR/RID) for such packagings.

Regulations / safety instructions

- To protect the cover locking clamps from damage, they must be returned to their home position after opening.
- Only certain solid dangerous substances whose use is expressly permitted in the individual classes of the GGVSEB for such packagings may be carried.
- The collection containers may only be used by the owner for filling goods whose compatibility with the materials of the container and well as the fittings, locking clamps and seals can be verifiably guaranteed.
- Each container shall be inspected in a manner satisfactory to the competent authority at least every 2 ½ years as to its external condition and the proper functioning of its service equipment.
- The report of each inspection shall be kept by the owner at least until the time of the next inspection.
- The conditions specified in the approval certificate must be observed.
- For the first time, the containers type SAP, SAP-1, SAP-2, and SAP-3 were subjected to an initial type test in accordance with the type approvals.
- Only original parts may be used for repairs.
- After a necessary repair, the container must be re-tested by an inspection body.
- Any changes to the container and its attachments will void the type approval.



Setting up and storage of the container

- Only personnel who have received training and instruction may be commissioned to set up and store the containers.
- The storage of dangerous goods in defective and leaky containers is prohibited.
- The storage space must be well ventilated.
- The container must be set up on a level surface beneath roofing.
- The container must be protected from the weather, direct sunlight and radiant heat.
- At the site of use, the following must be displayed in good visibility:
 1. the "Code of Practice on the Storage of Substances Hazardous to Water"
 2. the designation of the filling material.
- The container must not be endangered by the vehicle traffic, work equipment or loads.

Filling the container

- Only personnel who have received training and instruction may be commissioned with the filling tasks.
- The containers, their lids, locking clamps and seals must be checked to ensure that they are in perfect condition before being prepared for filling.
- Damage to the container wall, the floor assembly, the lid, the seals and the locking clamps must be remedied immediately; if necessary, the container must be disposed of properly and replaced with another.
- The filling of defective and leaking containers is prohibited.
- The accident prevention regulations must be observed when filling and the use of personal protective equipment may be necessary. A protective film / protective lining may be inserted to protect the containers from heavy soiling.
- The filling process must be carried out carefully and spilled material must be disposed of immediately and properly.
- The container is filled using the full lid, which can be set up using a lid prop.
- The lid must be closed after each filling.



Emptying the container

- Only personnel who have received training and instruction may be commissioned to empty the container.
- The containers may only be emptied at specially dedicated facilities.
- The containers are emptied via the full lid, which can be swivelled up to 270° and locked in place.

Transportation of the container

- Only personnel who have received training and instruction may be commissioned to transport and carry out the moving procedures of the container. Moving procedures and transportation of the containers may only be carried out using suitable, operationally reliable means.
- Before transport, the full cover must be closed with its fasteners.
- The containers may only be transported with the pockets provided for forklift forks and the eyelets for the reception of chain suspension gear, in the stacking corners.
- Transporting dangerous goods in defective containers is prohibited.
- The containers, their lids, locking clamps and seals must be checked by the user to ensure that they are in perfect condition prior to transport.
- Dangerous residues of the contents must not be allowed to adhere to the outside of the containers during transport.
- During transport, the containers must be securely fastened or held within the transport unit in such a way that they are protected against transverse and longitudinal movements or impacts and are suitably protected from the outside.



Spare parts

All details you need to obtain spare parts can be found in the spare parts list. We need the following details to be able to process your order rapidly:

- our item number for each spare part
- our item designation for each spare part
- the order quantity
- designation of the container, manufacturer's number and year of manufacture

Please direct all spare parts orders to:

Bauer GmbH
Eichendorffstraße 62
46354 Südlohn, Germany
Tel. +49 2862 / 709-0
Fax + 49 2862 709-155 /-156
E-mail: info@bauer-suedlohn.de

Store the spare parts in a dry, dust-free environment and protect them from frost and heat. We also recommend creating a small storage area for these parts.

We would like to explicitly state that spare parts and accessories not supplied by us have not been checked and approved by us. The installation, attachment and use of such parts may influence the structural properties of the container, under certain circumstances.

We give no guarantee and assume no liability for damage caused by the use of non-original parts and accessories.

Customer service

Customer service is provided within the scope of the warranty. The warranty period is 1 year after the initial commissioning of all parts except wear parts. Customer service beyond this period requires a separate agreement or it can be arranged with us if necessary and carried out for a fee.

For any technical problems, please contact the address specified above.

Please note the current legal provisions for the above mentioned points.