

PRESS RELEASE / 24 September 2019

Foodcert + Aseptic and Cleancert + Dualprotect: Maximum protection for demanding filling products

Selters (hds).- IBCs and drums from Schütz's Foodcert and Cleancert lines ensure comprehensive material, product and process safety. These product lines have firmly established themselves in particularly demanding sectors, such as the food and pharmaceutical industries. In the past few years, the big global players in these industries have increased their demands significantly, frequently even going far beyond current statutory requirements. With the new Ecobulk Foodcert + Aseptic and Cleancert + Dualprotect Schütz is now taking things up to the next level when it comes to safety and cleanliness and is expanding the range of applications to ensure even greater sustainability: as a top product innovation, Schütz is now offering these IBCs with a liner system including UN approval, thus ensuring maximum quality protection with minimum effort.

The Ecobulk Foodcert + Aseptic fully meets the specific requirements in the food, pharmaceuticals and toiletries industries; it effectively excludes contamination risks along the entire supply chain, extends the shelf-life of the filling products and ensures consistent quality from filling to emptying. All of these benefits have been achieved by including a special component in this IBC model: an integrated liner which is certified in accordance with the FSSC 22000 industry standard that guarantees the highest food safety. The liner is made of top-grade LDPE film; a special folding technique minimises air and allows it to unfold and align itself automatically in the inner bottle during filling. It ensures the highest degree of leakproofness, cleanliness and also has an EVOH permeation barrier against oxygen. The gradual unfolding of the liner also means that contact between the filling product and the ambient atmosphere is kept to a minimum. The result is 99 per cent less exposure to oxygen than in a standard IBC!

Aseptic IBC reduces risk

As a special measure to rule out microbial contamination, during production of the Ecobulk Foodcert + Aseptic the integrated liner and valves are sterilised by gamma radiation with an average dose of at least 15 kGray. This sterilises the inner bottle, making it suitable for aseptic applications. The IBC inner bottle also forms a highly effective, independent barrier against

leakage, even if the integrated liner is damaged, thus providing double protection for the filling product. For maximum safety, cleanliness and ease of use, the IBC is delivered "ready to fill". The packaging does not require steam additional sterilisation of the inner bottle or time-consuming inliner assembly, which saves time and money! The Ecobulk Foodcert Aseptic can be filled and emptied on all conventional lines, including with pump systems and under aseptic conditions.

Ecobulk Cleancert + Dualprotect

Schütz also offers the innovative liner system for industries that handle highly sensitive non-food products. This Ecobulk version is the Cleancert + Dualprotect. The name says it all: this IBC version also offers double protection for filling products thanks to the integrated liner. The IBC features a leakproof inner bottle, thus effectively avoiding leaks even if the liner is damaged. The new packaging solution for technically demanding products is extra safe and, because it is delivered "ready-to-fill", is also exceptionally user-friendly. Due to its maximum quality protection, the container is ideal for transporting natural and synthetic organic compounds, inorganic compounds and silicones. A good example of an application field is the adhesives industry. The annual volume of adhesives produced in Germany is nearly one million tons. When exposed to oxygen, the majority of these products react by forming a film or even starting to cure. The integrated liner minimises oxygen contact during filling as well as inside the packaging, thus preventing the filling product from oxidation. This extends the product's shelf-life and makes it easier to discharge.

Two new models with many advantages

In most multi-use systems there is a significant risk of accidental contamination due to product residues. This is ruled out in the two new models. Filling into the integrated liner minimises the general risk of contamination and there is no risk of the filling product coming into contact with condensate, which can form inside the inner bottle. The liner's oxygen barrier provides additional protection against oxidation, vitamin depletion and microbial contamination. And, unlike other container types, there is no need for nitrogen blanketing. UN approval for hazardous goods transport also applies to the IBC version with a liner.

Easy handling – from filling to discharge

Both Ecobulks can be filled via the IBC's standard outlet valve or from above via a filler nozzle which is attached to the liner and can be fitted to different bungs as required. For aseptic applications, both the outlet fitting and the bung used at the filler nozzle can be steam sterilised. The integrated liner unfolds on its own as it is filled. The air in the inner bottle is vented by opening the screw cap. Optionally, the container can also be filled from above using the filling nozzle in the liner.

As a rule, the container is emptied easily and safely gravimetrically through the outlet valve. It is securely and rigidly attached to the IBC inner bottle. For liquids with a watery consistency this method achieves almost complete emptying without any other measures being required. For more viscous filling products the cap nut can be loosened and the liner and the outlet valve can be carefully pulled out of the container in order to empty it completely. Once the IBC has been emptied, the Schütz Ticket Service with its worldwide network provides a fast, administrative-free collection service and then reconditions both the IBC and inner bottle in an environmentally-friendly process – giving this innovative system both unrivalled economic and ecological benefits.

Characters (including spaces + headline): 6,060



Caption:

For applications that require aseptic conditions: the Ecobulk Foodcert + Aseptic with a gamma-radiated liner.



Caption:

The specially folded liner aligns itself automatically as the inner bottle of the IBC is filled.



Caption:

Thanks to its liner system with UN approval, the Ecobulk Foodcert + Aseptic provides maximum protection for highly sensitive filling products.

Schütz is a leading international producer of high-quality transport packaging (Intermediate Bulk Containers, PE and steel drums). The Group's headquarters are in Selters, Germany. Founded in 1958, Schütz employs over 6000 people at more than 50 production and service sites around the world (including licensees). The four Schütz business units, Packaging Systems, Energy Systems, Industrial Services and Composites, each hold leading positions in their respective markets. The family-run enterprise is an important trendsetter and innovator. The Group's turnover in 2018 was 1.8 billion euros. Schütz offers its customers full system solutions that are tailored to their individual supply chain. With the Schütz Ticket Service, a closed-loop cycle of speedy collection and reconditioning for used Schütz IBCs, Schütz provides all of the world's major industrial nations with a service that fully complies with the Group's sustainability philosophy.

Characters in box (including spaces): 950

For more information, please contact:

SCHÜTZ GmbH & Co. KGaA, Schützstraße 12, D-56242 Selters
Tel.: +49(0)2626/77-274, Fax: +49(0)2626/77-365, E-Mail: melanie.ievolo@schuetz.net

hd...s agentur für presse- und öffentlichkeitsarbeit, Kaiser-Friedrich-Ring 23
D-65185 Wiesbaden, Tel.: +49(0)611-9929-111/-113, Fax: +49(0)611-9929130
Email: h.d.schmitt@hds-pr.com, s.kraemer@hds-pr.com

If published, please send a **voucher copy** to the agency address on the left.