

THE SAFE-TAINER™ SYSTEM

Safe and sustainable use of
solvents in metal cleaning



A close-up photograph of several industrial gears. The gears are made of a dark, possibly metal, material and have a series of teeth. The focus is sharp on the gear in the foreground, while the others are blurred in the background. A teal-colored rectangular box is overlaid on the lower-left portion of the image, containing white text.

SAFE AND
SUSTAINABLE
CLEANING
WITH THE
SAFE-TAINER™
SYSTEM

YOUR CHOICE OF SOLVENT IN THE SAFE-TAINER™ SYSTEM

The choice of cleaning agent should always follow the principle of "Equal Solves Equal": Polar and non-polar contaminations are best cleaned with a respective medium. We recommend to test compatibility with the part material and the achievable result by cleaning trials. No matter which solvent is the optimal solution for your cleaning process – the SAFE-TAINER™ System is available for both chlorinated solvents as well as modified alcohol solvents, so you can handle both alternatives in a safe way.

Chlorinated solvents have been used effectively in a variety of applications around the world for decades. They offer excellent technical advantages and are non-flammable under most end-use conditions. In many precision surface cleaning applications, they are essential to achieve the desired results for a consistent high-quality cleaning.

Modified alcohols of the DOWCLENÉ™ 16 Series are distillable solvents and have lipophilic and hydrophilic properties. They enable the removal of oils and greases as well as the elimination of polar contaminations like cooling emulsions or solids such as salt, particles and abrasives, in a reliable and reproducible manner.

SAFE-CHEM experts can assist you in choosing the right solvent for your individual cleaning needs.

WITH THE SAFE-TAINER™ SYSTEM, YOU CAN BENEFIT FROM A SAFE AND SUSTAINABLE USE OF THE FOLLOWING HIGH-QUALITY SOLVENTS:

- DOWPER™*
- DOWPER™* MC
- DOWPER™* N
- DOWCLENÉ™*
16-Series
- HI-TRI™° SMG
- NEU-TRI™° E
- MECTHENE™° MC
- Methylene Chloride
Technical E



USING THE SAFE-TAINER™ SYSTEM: SIMPLE AND SAFE

Both the SAFE-TAINER™ System for fresh solvent as well as the SAFE-TAINER™ System for used solvent are connected to the cleaning machine in a few simple steps. This enables a virtually emission-free and spill-free transfer of the solvent. A variety of accessories allow you to connect the SAFE-TAINER™ Systems to all types of machines.

TRANSPORT AND STORAGE OF SOLVENTS IN THE SAFE-TAINER™ SYSTEM IS EASY AND SAFE:

The SAFE-TAINER™ System is lockable, and due to its special base construction, it is easy to transport with a forklift truck or pallet lifter.



THE SAFE-TAINER™ SYSTEM ENABLES SAFE AND EASY
TRANSPORT, HANDLING, AND STORAGE OF CHLORINATED
SOLVENTS AND MODIFIED ALCOHOL SOLVENTS



The cleaning and degreasing of metal components is a quality-critical step in a variety of industries and applications, requiring the right products-service-concept and expert know-how. Increasing environmental, health and safety standards in the surface cleaning industry demand for a safer and more sustainable use of chemical products.

SAFECEM's closed-loop SAFE-TAINER™ System and associated Service Elements enable you to contribute to a Circular Economy and at the same time benefitting from a legally compliant and safe cleaning operation – in addition to a very high level of quality.



THE SAFE-TAINER™ SYSTEM

The SAFE-TAINER™ System is a closed-loop state-of-the-art delivery system for handling solvents. In combination with closed cleaning equipment, this safety system developed by SAFECEM is considered to be the Best Available Technology (BAT) for the safe and sustainable transport, storage, and handling of solvents. By taking into account all health and safety-related issues of solvents during their life cycle, the SAFE-TAINER™ System is in line with the principles of Responsible Care®. Additionally, it meets European road, rail and sea transport regulations.

The SAFE-TAINER™ System consists of two different containers specially designed for their respective purpose. One is exclusively designated for the supply of fresh solvent; the other one for the collection of used solvent. Both containers are delivered with a 216.5 litre drum inside. The outer steel box protects the drum, thus preventing damage or spills. Special accessories enable practically emission-free solvent cleaning.

TECHNICAL DATA

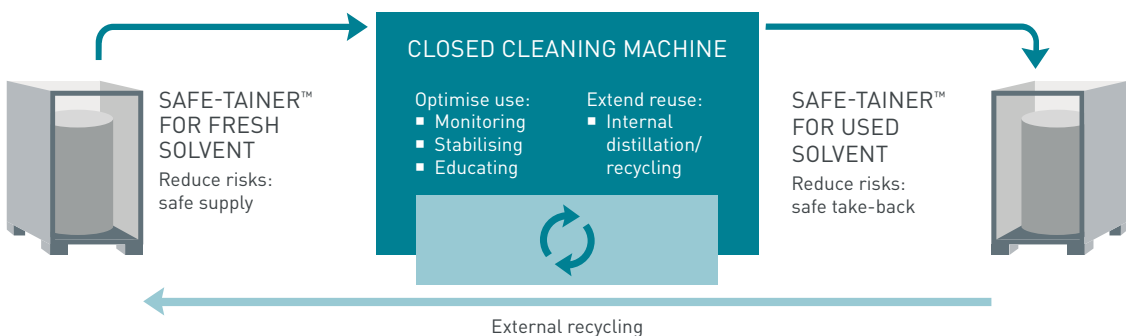
Height	1,275 mm
Width	640 mm
Length	640 mm
Tare	140 kg
Drum volume	216.5 l
UN packaging code	UN 1A1W/X/250/year of manufacture/CH/EGI-3116

CLOSING THE LOOP

Fresh solvent is supplied in the SAFE-TAINER™ System and used solvent is collected and sent for professional recycling – closing the loop. This solution not only enables a safer supply of fresh material, it also allows the users of solvent to safely return used solvents to be recovered in an accredited professional recycling facility.

CONTRIBUTING TO A CIRCULAR ECONOMY

Furthermore, Chemical Product Services, such as MAXISTAB™, MAXIBOOST™, and MAXICHECK™ provided by SAFECEM, expand the lifespan of the solvents in the cleaning machines, conserving resources and thus further contributing to a Circular Economy.



THE SAFE-TAINER™ SYSTEM FROM SAFECEM ENABLES SAFETY AND SUSTAINABILITY

- Safe delivery of fresh solvents
- Safe storage
- Safe operator handling
- Safe take-back of used solvents
- Sustainable use of solvents in a closed-loop system

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