

Waste Management

The new Safety Standard for Laboratory and Production



Safety Solutions
www.scat-europe.com



Safety Funnels

Lock hazardous vapours safely and protect your health!

Level Control

Avoid overflow and process interruptions caused by leakage!

Electroconductive Plastics

Get maximum safety for your explosion-proof areas with our new waste containers!



More Safety for Fluid Waste Disposal in Laboratories and Production Sites!

How are used solvents disposed of? Archaic conditions often govern laboratory practice. Open containers and funnels, often without drain trays, only rarely positioned beneath the exhaust - this is the sad reality.

However, for almost every conventional disposal container, S.C.A.T. Europe offers suitable safety cap systems and safety funnels that make retrofitting easy and provide ongoing flexibility.

Those who want to get waste disposal under control and create optimum conditions for solvent use for their HPLC need a sound concept. And S.C.A.T. Europe has one. It offers more protection for people and for the environment and reduces the amount of solvents used. A one-time investment that provides many years of health and safety.



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The best solution.

Trust in safe and professional waste management.

Each process is associated with different requirements for the disposal of liquid waste from laboratories and pilot plants. S.C.A.T. Europe can put the right equipment together for you, from basic solutions to radio monitored disposal stations.



Disposal units PE-HD, electroconductive

S.C.A.T. safety funnels and containers are used worldwide for safe disposal of fluid waste. To get your collecting points ready for operation quickly, we arranged our most popular products in complete disposal units. This way, you will have only one part number to receive an entire safety system - without time-consuming assembly of a composition.

- A** Part No. 107 416
Disposal unit
with flip cap
10 Litres
Incl. drain tray



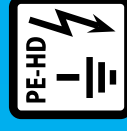
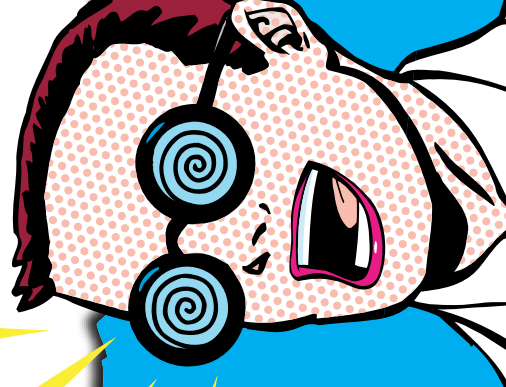
- B** Part No. 107 321
Disposal unit
with ball valve
20 Litres



- C** Part No. 107 320
Disposal unit
with ball valve
10 Litres



Pic.	Part No.	Capacity	Dimensions (W x D x H)	Flip Cap	Removable Sieve	Splash Guard	Ball Valve	Grounding Connector	Thread Size	Safety Lance	Level Control
A	107 416	10 Litres	445 x 350 x 405 mm	•	•	•	•	•	5.60	-	•
-	107 315	10 Litres	445 x 350 x 405 mm	•	•	-	-	•	5.60	-	-
B	107 321	20 Litres	210 x 430 x 710 mm	-	•	•	•	•	5.60	•	•
C	107 320	10 Litres	210 x 430 x 460 mm	-	•	•	•	•	5.60	•	•



Don't be afraid of electrical voltage!

Sometimes safety is a little more important. Especially when collecting flammable liquids, strokes and sparking can lead to disastrous consequences. Funnels and containers made of electroconductive PE-HD can be grounded safely and avoid fire hazards.

Disposal units Standard

The economical version, made of durable PE-HD.
Dedicated for safe collecting of solvent and sample waste.
All units are delivered as a set and ready for operation.

A
Part No. 107 450
10 Litres



B
Part No. 107 316
2.5 Litres



C
Part No. 107 317
5 Litres



D
Part No. 107 318
10 Litres

**VARIOUS SIZES
AND CONFIGURATIONS
AND AVAILABLE!**

Pic.	Part No.	Capacity	Dimensions (W x D x H)	Flip Cap	Removable Sieve	Splash Guard	Ball Valve	Grounding Connector	Thread Size	Safety Lance	Level Control
A	107 450	10 Litres	210 x 300 x 490 mm	-	•	•	-	-	S 55	•	MAX
B	107 316	2.5 Litres	115 x 150 x 305 mm	•	•	-	-	-	GL 45	-	-
C	107 317	5 Litres	150 x 195 x 345 mm	•	•	-	-	-	GL 45	-	-
D	107 318	10 Litres	190 x 230 x 395 mm	•	•	-	-	-	GL 45	-	-

Take a deep breath!

S.C.A.T. safety funnels protect you from harmful waste vapors

Working together with our users, we have improved the S.C.A.T. safety funnels even further. With their new design, they fit below surfaces with low clearance. Made of PE-HD, the funnels are suitable for use with all types of chemicals. The black ones are electroconductive and supplied with a grounding gripper.

Funnels without flip cap have an integrated ball valve so that the containers remain safely closed after they are filled. The screw cap rotates freely, which makes it easier to screw the funnel on and off. It is also available for barrels (see Page 14).



ALL MODELS PROVIDE 360° ROTATION OF THE CAP



Removable sieve
catches magnetic stirrers and solid contaminants

Splash guard (removable)
for safe filling without splashing

Electroconductive PE-HD
avoids sparking and electrostatic charge

Ball valve
closes automatically after filling

Different thread sizes
360° rotation of the screw cap for easy attachment and removal of the funnel








Safety lance
provides a clean flow without contamination of the container opening

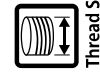
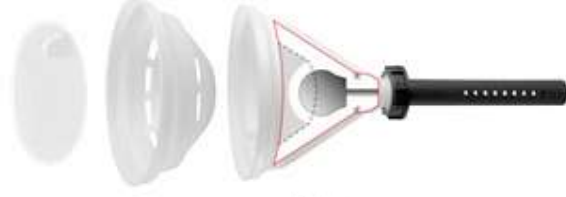
Grounding connector
with cable and gripper. Avoids electrostatic charge and provides safe grounding.

Safety funnels PE-HD

- Made of high quality PE-HD
- For use with all types of chemicals
- Various thread diameters
- Available for barrels (see page 14)
- All models have removable sieves for easier cleaning
- Low installed height - even fits below low work surfaces
- Electroconductive versions available (black)

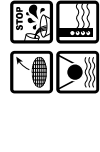
Features:

-  Electroconductive PE-HD
-  Flip cap
-  Sieve (removable)
-  Splash guard (removable)
-  Ball valve
-  Safety lance
-  Grounding connector



Thread Size

GL-45 (w)	Part No. 117 622	Part No. 118 982	Part No. 118 962	Part No. 117 642	Part No. 118 992	Part No. 118 952
S 50 (w)	Part No. 117 629	Part No. 118 985	-	Part No. 117 649	Part No. 118 995	Part No. 118 955
S 51 (w)	Part No. 117 624	Part No. 118 983	-	Part No. 117 644	Part No. 118 993	Part No. 118 953
S 55 (w)	Part No. 117 625	Part No. 118 981	Part No. 118 961	Part No. 117 645	Part No. 118 991	Part No. 118 951
S 60 / 61 (w)	Part No. 117 621	Part No. 118 980	Part No. 118 960	Part No. 117 641	Part No. 118 990	Part No. 118 950
S 65 (w)	Part No. 117 626	Part No. 118 984	Part No. 118 964	Part No. 117 646	Part No. 118 994	Part No. 118 954
S 70 / 71 (w)	Part No. 117 628	-	-	Part No. 117 648	-	-
B 83 (w)	Part No. 117 627	-	-	Part No. 117 647	-	-
S 90 (w)	Part No. 117 623	-	-	Part No. 117 643	-	-
R 2" BSP / G2" (m) and 2" TriSure (m)	Part No. 117 630	-	Part No. 118 630	-	-	-



**New design!
Improved handling features!
More application options!
Unique in the world.**



Safety funnels for barrels

- Suitable for metal and plastic barrels
- Made of electroconductive PE-HD
- With grounding connector
- Double thread for the most common barrel types
- Choose from flip cap or ball valve



Pic. Part No. Description

A 1118 630 Safety funnel with flip cap

B 1117 630 Safety funnel with ball valve

Thread Size

Double thread R 2" BSP / G2" (m) + 2" TriSure (m)

Double thread R 2" BSP / G2" (m) + 2" TriSure (m)

Safety funnels Spare parts

S.C.A.T. safety funnels are always supplied completely. If you need replacement parts like splash guard or sieve for substitution, you can also order them separately. For antistatic accessories (e.g. grounding cables) please have a look at **page 24**.

Pic.	Part No.	Description	Material	Unit
A	1117 620	Sieve for safety funnels with ball valve	PE-HD, electroconductive, black	1
B	1117 631	Splash guard for safety funnels with ball valve	PE-HD, electroconductive, black	1
C	1117 640	Sieve for safety funnels with ball valve	PE-HD, white	1
D	1117 639	Splash guard for safety funnels with ball valve	PE-HD, white	1
E	1118 989	Sieve for safety funnels with flip cap	PE-HD, electroconductive, black	1
F	1118 999	Sieve for safety funnels with flip cap	PE-HD, white	1



E 1118 989

F 1118 999



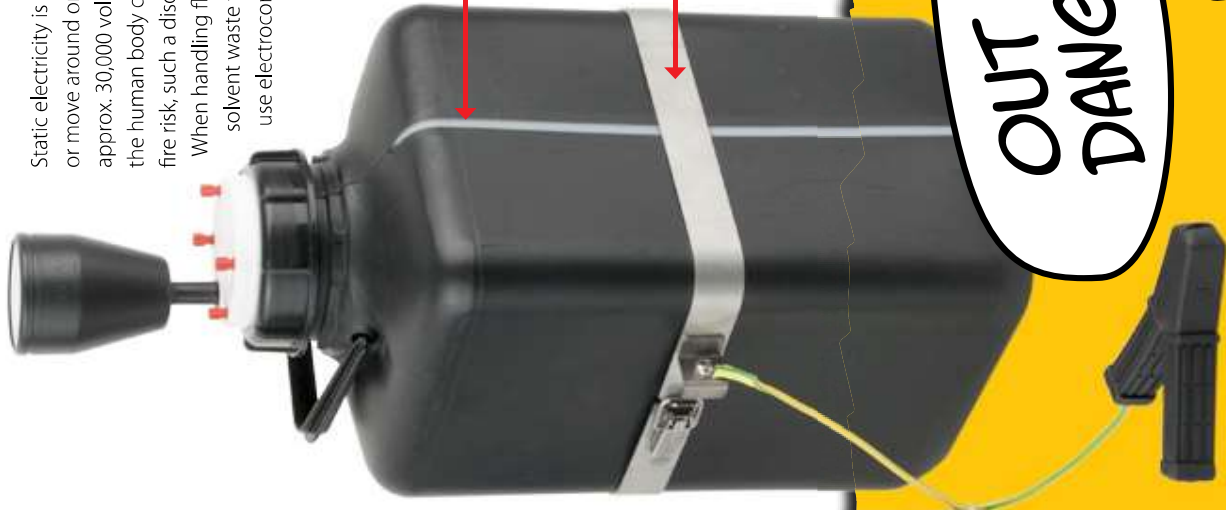
REPLACEMENT
PARTS FOR EASY
RE-ORDERING!

Containers

PE-HD, electroconductive



Static electricity is sometimes generated even just when you walk or move around on a chair, and a person can be charged with up to approx. 30,000 volts. Usually, electrostatic discharge of current through the human body causes just a slight shock - but in areas with a high fire risk, such a discharge can trigger a fire in certain circumstances. When handling flammable liquids and gases, e.g. when transferring solvent waste from one container into another, it is important to use electroconductive containers in these situations.



Containers with level control
Please see page 19.

Antistatic accessories
Please see page 24.



Containers with UN approval

All UN approved containers of S.C.A.T. Europe are certified for transportation of hazardous substances on streets and factory properties.

Pic.	Part No.	Description	Material	Capacity	Dimensions (W x D x H)
A	107 940	Kanister	PE-HD, electroconductive	60 Litres	330 x 395 x 625 mm
B	107 954	Kanister	PE-HD, electroconductive	30 Litres	260 x 370 x 425 mm
C	108 027	Kanister	PE-HD, electroconductive	20 Litres	185 x 290 x 500 mm
D	107 953	Kanister	PE-HD, electroconductive	10 Litres	185 x 290 x 265 mm

Thread Size



UN approved



A 107 940

C 108 027

D 107 953

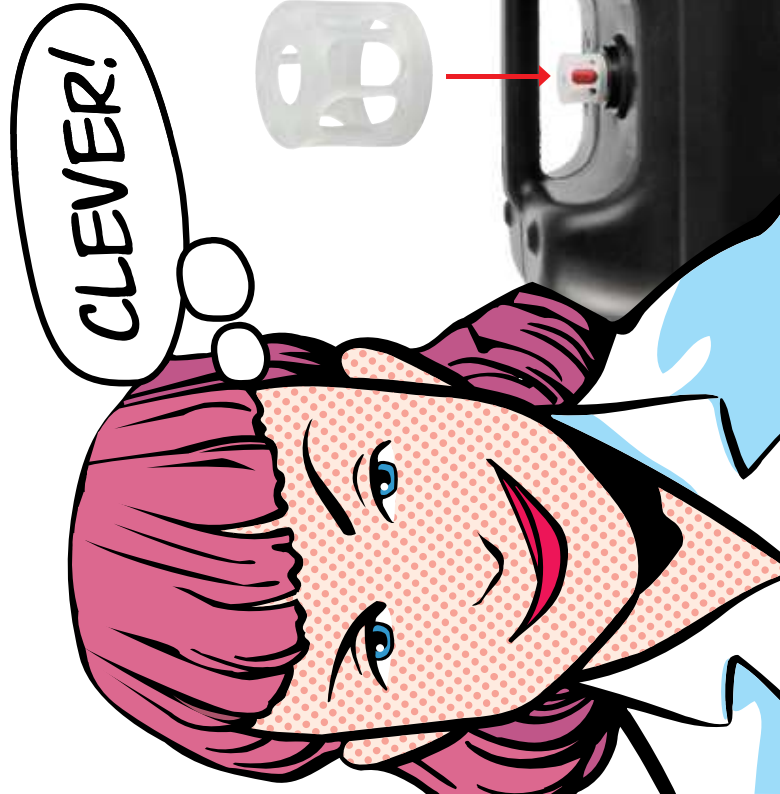
B 107 954



Containers PE-HD, electroconductive with level control

Everyone uses them, everyone fills them, but who makes sure that the containers will not overflow? In laboratories and production areas, dripping waste containers are primarily dangerous when work is performed with critical substances and solvents. Dangerous vapors can spread quickly, are harmful to health and can even cause an explosion in certain circumstances.

Monitored containers offer more operational safety and protection from such serious consequences. The level control developed by S.C.A.T. Europe is integrated into the canister, and a visual display warns users before a waste container may overflow.



E 199 013
Protective cage for the level control

B 108 043

A 108 420

C 108 042

D 108 096

Pic.	Part No.	Description	Capacity	Dimensions (W x D x H)
A	108 420	Canister, electroconductive, with transparent strip	10 Litres	195 x 195 x 400 mm
B	108 043	Canister, electroconductive, with level control	20 Litres	185 x 290 x 515 mm
C	108 042	Canister, electroconductive, with level control	10 Litres	185 x 290 x 280 mm
D	108 096	Grounding device for S90 canister	-	-
E	199 013	Protective cage for level control	-	-

Thread Size	Level Control
S 90	•
S 60	•
S 60	•
-	-
-	-

Containers Standard

S.C.A.T. Europe's standard product range offers quite a few canisters for many purposes. Various thread sizes make them compatible to other safety-related S.C.A.T. products - this way, you can easily choose compatible safety funnels or other components of the S.C.A.T. System, e.g. SafetyWasteCaps. To view the complete product range, download our main catalogue for free at www.scateurope.com

Find many other container sizes in our main catalogue! Download for free at www.scateurope.com



H 107 998

A 107 950

B 107 951

G 107 952

D 107 956

E 108 020

G 107 713

E 107 710



Containers with UN approval

All UN approved containers of S.C.A.T. Europe are certified for transportation of hazardous substances on streets and factory properties.

Pic.	Part No.	Description	Material	Capacity	Dimensions (W x D x H)	Thread Size	UN approved
A	107 950	Container	PE-HD, white	2,5 Litres	115 x 150 x 210 mm	GL 45	•
B	107 951	Container	PE-HD, white	5 Litres	150 x 195 x 250 mm	GL 45	•
C	107 952	Container	PE-HD, white	10 Litres	190 x 230 x 305 mm	GL 45	•
D	107 956	Container	PE-HD, white	20 Litres	260 x 285 x 390 mm	S 60	•
E	108 020	Container	PE-HD, white	10 Litres	195 x 195 x 380 mm	S 90	•
F	107 710	Container	PE-HD, white	60 Litres	330 x 370 x 635 mm	S 70	•
G	107 713	Container	PE-HD, white	20 Litres	285 x 380 x 285 mm	S 70	•
H	107 998	Space Saving Container	PE-HD, white	5 Litres	65 x 330 x 335 mm	S 50	-



Drain trays

Avoid spilling solvents on the floor in case of container overflow or accidents during filling. Significantly lower weight is a great advantage of S.C.A.T. drain trays compared to conventional stainless steel trays. Also available in electroconductive PE-HD.

A 117 983



B 117 984

With base insert!

Trays with base insert **(C D)** ensure that the waste containers remain dry!

C 117 986



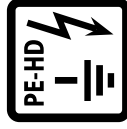
D 117 985



Pic.	Part No.	Description	Material	Dimensions Inside (W x D x H)	Dimensions Outside (W x D x H)
A	117 983	Drain tray	PE-HD	335 x 235 x 160 mm	400 x 300 x 170 mm
B	117 984	Drain tray	PE-HD	385 x 290 x 200 mm	465 x 340 x 210 mm
C	117 986	Drain tray with base insert	PE-HD, electroconductive	415 x 295 x 200 mm	490 x 365 x 240 mm
D	117 985	Drain tray with base insert	PE-HD, electroconductive	385 x 285 x 95 mm	445 x 355 x 135 mm
E	108 981	Drain tray	PE-HD, electroconductive	300 x 200 x 200 mm	325 x 225 x 215 mm



E 108 981



Relaxed in spite of electrical voltage!

Sometimes safety is a little more important. Especially when collecting flammable liquids, strokes and sparking can lead to disastrous consequences. Funnels and containers made of electroconductive PE-HD can be grounded safely and avoid fire hazards.

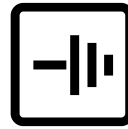
Supplied without grounding cable. Find suitable grounding equipment at **page 24**.



Antistatic accessories



A 108 099



Safe grounding against fire hazards!

Static electricity is sometimes generated even just when you walk or move around on a chair, and a person can be charged with up to approx. 30,000 volts. Usually, electrostatic discharge of current through the human body causes just a slight shock - but in areas with a high fire risk, such a discharge can trigger a fire in certain circumstances. When handling flammable liquids and gases, e.g. when transferring solvent waste from one container into another, it is important to use electroconductive containers in these situations. Grounding cables must be attached to grounded, uncoated metal surfaces.



B 108 096



C 108 011



D 108 009



E 108 010

Pic. Part No. Description Unit

Pic.	Part No.	Description	Unit
A	108 099	Antistatic mat, electroconductive, with grounding connector (push-button) measurements: 610 x 1,220 mm	1
B	108 096	Grounding device for electroconductive S90 container, with cable and gripper	1
C	108 009	Grounding cable with 2 grippers, length = 1,5 m	1
-	108 012	Grounding cable with 2 grippers, length = 2 m	1
D	108 010	Grounding cable with 1 clamp and 1 gripper, length = 1,5 m	1
-	108 013	Grounding cable with 1 clamp and 1 gripper, length = 2 m	1
E	108 011	Grounding cable with 1 gripper and 1 ring (Ø 10 mm), length = 1,5 m	1
	108 014	Grounding cable with 1 gripper and 1 ring (Ø 10 mm), length = 2 m	1

Safety instructions



Warranty / Safety of our products

Strict quality control ensures that the products you receive from us are of high quality and in flawless condition. However, if you do receive a faulty product, of course we will replace it at no cost. Because these products are based on technically advanced components, we cannot guarantee items to which the user has made technical modifications or has damaged. The same applies to custom products manufactured according to our customers' requirements because it is the user's responsibility to check whether or not the desired products are technically suitable. We do not accept liability for events or accidents caused by inappropriate handling or technical modifications to our products by the user.

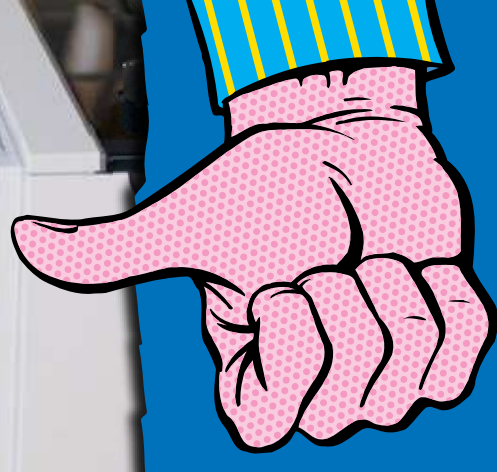
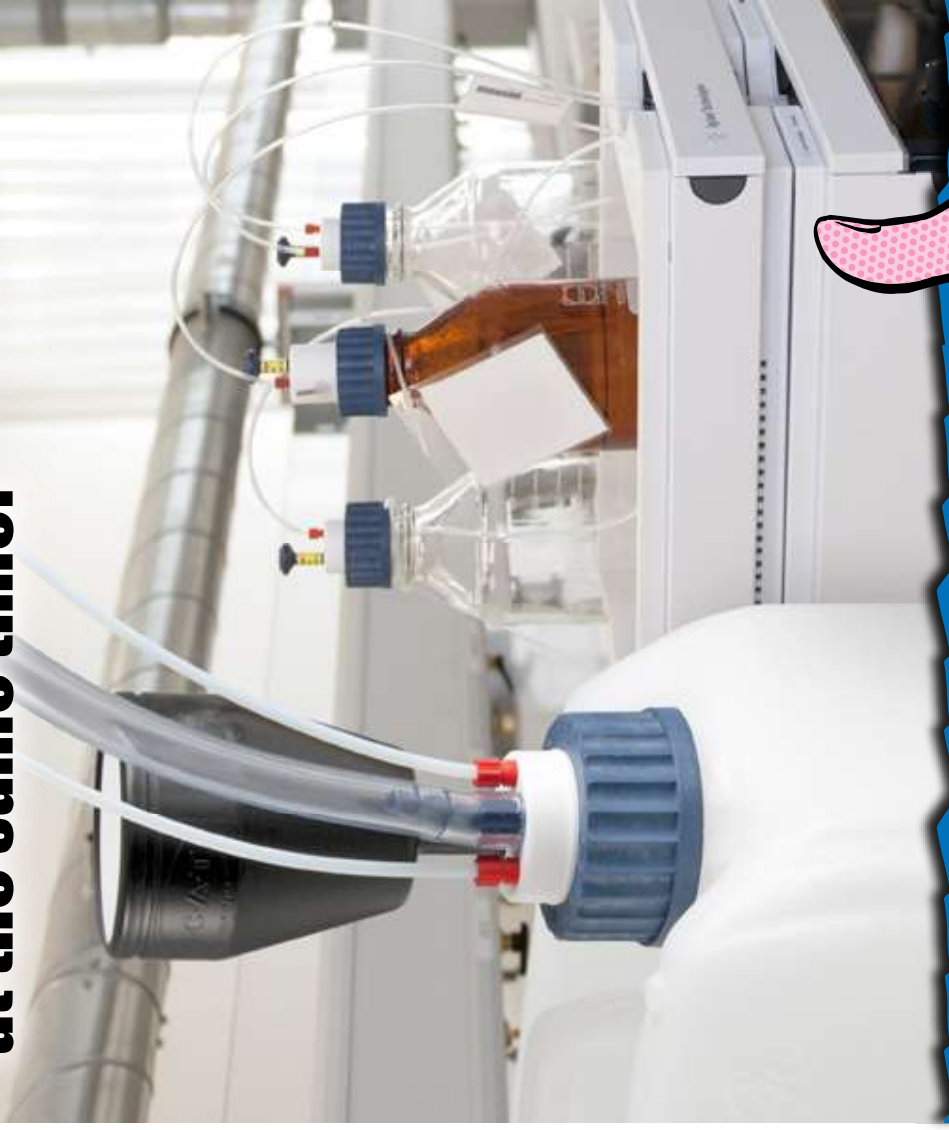
Safety and health

Pay particular attention to the hazard symbols and danger labels in your company and to the packaging of your chemicals. Always wear the required protective clothing when handling substances identified as hazardous!

Chemical compatibility

Due to the various compositions and diversity of the commonly sold solvents and substances we cannot guarantee chemical compatibility. The most durable materials, based on state of the art information are used for S.C.A.T. products. We pay particular attention to the requirements for working with aggressive liquids. Information about compatibility with specific substan-

Performance and protection at the same time!



Discover the S.C.A.T. safety system and upgrade your laboratory to the state-of-the-art level of solvent and waste management. Care for environmental protection and push your HPLC performance at the same time! View all new products in our new catalogue or download it for free at

www.scateurope.com

ces is available from the manufacturer of your chemicals or from other expert sources. We would be happy to consult with you as you select the suitable product for your application. However, the end user is responsible for the selection of the chemicals used. S.C.A.T. Europe does not guarantee results and is neither obligated nor liable with regard to the use of these products in terms of their chemical compatibility.

Grounding and antistatic measures

Our products used for the safe grounding of containers and barrels are intended for connection to installations that are free of current and voltage, e.g. water pipelines or grounded components. Connections to electrically operated installation or live components (e.g. grounding connections for the power supply system or electrical equipment) may only be carried out by trained professionals! Please also comply with your company's internal safety guidelines.



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