

# Cleaning detergents

# Hako

Clean ahead



## Top solutions for professional cleaning!

- Specially developed for use in your **Hako** scrubber-drier
  - Very effective
  - Low foaming
  - Highly concentrated
  - Economical to use
  - Safe



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*You see this pictogram on all of our labels. What does it mean?  
It is the logo of the A.I.S.E., the international Association for Soaps,  
Detergents and Maintenance Products.*

*A.I.S.E. is the official representative body of this industry in Europe.  
Its membership totals 34 national associations in 39 countries, covering  
about 900 companies ranging from small and medium-sized enterprises  
to large multinationals. The participants are active both in the consumer  
market as well as the industrial & institutional (I&I) domains. The industry  
mission is to benefit society by contributing to the sustainable improvement of the quality and  
comfort of life through hygiene and cleanliness.*

*A.I.S.E. industry activities are driven by The Agenda for Sustainable Cleaning which has as its  
core objective sustainable development. The agenda is supported by two pillars of activities:  
developing and promoting voluntary actions and cooperating with stakeholders at EU and local  
level to achieve a balanced and better regulatory framework. A.I.S.E.'s aim is to reach these  
goals by adhering to principles that support and promote sustainable development in its  
various forms.*

*Economic: by ensuring that the activities of the industry are based on ethical standards,  
thereby building a sustainable industry which supports a sustainable economy and  
strengthens growth.*

*Social: by developing voluntary actions over and above basic legal requirements, in order to  
support a sustainable society in which there is a high standard of public health, hygiene and  
safety.*

*Environmental: by striving to be an environmentally-sound industry, reducing the potential  
ecological impact of detergents and maintenance products throughout the product life-cycle,  
and by using the Earth's resources in a responsible way.*

## 1. Floorcleaning and maintenance products



### Hako Cleanol

Hako Cleanol is a product for daily cleaning of all water resistant floors; it removes light to medium soiling. Hako Cleanol removes grease and dirt, is safe for protective layers and has a nice fresh fragrance. Due to its calcium binding properties Hako Cleanol will dry to a streakless finish.



1:150-40  
pH conc.  
8



### Hako Cleanol Xtra

Synthetic, fresh, low foaming. Removes dirt and grease from alkaline- and water-resistant hard top floors. Formulated to remove medium (industrial)(general) soiling in workshops, distribution centres and such. When used on a synthetic floor, always first test on a hidden surface area. Do not use on acryl copolymer coatings. Can be used in HACCP surroundings.



1:100-20  
pH conc.  
11



### Hako Polyclean

Hako Polyclean is a product for maintenance of all water resistant floor coverings that are light to moderately soiled. Hako Polyclean is perfect for use on floors where a certain gloss is required like linoleum, tiles, PVC, natural stone etc. Hako Polyclean can also be used as a spray cleaner. Hako Polyclean contains no polymers and leaves protective layers unharmed.



1:200-100  
pH conc.  
8



### Hako Cleanol-K

Hako Cleanol-K is a cleaning product without surfactants. Ideally suited for the cleaning of micro-porous surfaces like marble, marble composite, unglazed floor tiles, anti-slip tiles etc. The dirt is preferably to be removed with a scrubber-drier or wet-vacuum machine to make sure the grime is effectively removed from the micro-pores. Hako Cleanol-K should not be used on floor coverings with a polymer based protective layer.



1:150-40  
pH conc.  
10,5



### Hako Cleanol Sport

Hako Cleanol Sport is suitable for cleaning all kinds of sport- or gymnastic floors with light to moderate degree of soiling. Besides cleaning, Hako Cleanol Sport is deodorizing and complies with DIN 18032. This makes Hako Cleanol Sport a perfect cleaner for all water-resistant floor coverings in retirement homes, hospitals and offices as well. The product can be used on floors with a protective coating. When not sure, first test on an out of sight spot.



1:150-40  
pH conc.  
8



### Hako Cleanol-I

Hako Cleanol-I is a pH neutral product for daily cleaning of water-resistant floors in workshops, garages, industries etc. It effortlessly removes greasy and oily dirt. Hako Cleanol-I is very user-friendly and the waste water can safely be discharged via an oil-water separator. Conforming to Ö B 5105.



1:100-20  
pH conc.  
8



## 2. Super Economy: highly concentrated products



### Hako Cleanol-SE ECO

Hako Cleanol-SE ECO is especially formulated to be used in combination with the Hako on-board dosing system, is pH neutral and easily removes general dirt. Through its calcium binding properties Hako Cleanol-SE ECO dries without streaking. With a dilution rate up to 1:700 it is an extremely economic product to use. Hako Cleanol-SE ECO meets the requirements of the European Eco-label and is a non-hazardous material with regards to transport.



1:700-600  
pH conc.  
7,5



### Hako Polyclean-SE

Hako Polyclean-SE was also developed specifically for the Hako on-board dosing system. It is suitable as a combined cleaning and maintenance product. Especially floor coverings such as linoleum, PVC, stone, etc., are ideally cleaned with Polyclean SE. Hako Polyclean-SE leaves a slight satin gloss, however Polyclean SE does not contain polymers. Existing protective coatings are not damaged!



1:700-600  
pH conc.  
9,5



## 3. Intensive cleansers / strippers



### Hako Cleanol-HD

Hako Cleanol-HD is a high alkaline detergent for the cleaning of all water/alkaline resistant concrete and industrial floors. The product is suitable for removing heavy industrial dirt: grease and oils but also the removal of old wax or polymer-based protective layers. Hako Cleanol-HD is not to be used on asphalt.



1:150-20  
pH conc.  
13,5



### Hako Cleanol-S

Hako Cleanol-S is a high alkaline detergent for the cleaning of all water/alkaline resistant floor-coverings. The product is suitable for removing medium to heavy industrial dirt like grease and oils. In the right dilution Hako Cleanol-S may be used for removal of protective layers on linoleum and PVC floor-coverings.



1:100-20  
pH conc.  
13,5



### Hako Cleanol Food

Hako Cleanol Food is a high alkaline detergent for removal of medium to heavy dirt in the food processing industry. Hako Cleanol Food removes very effectively vegetable- and animal fats, starch, proteins and other sticky pollutions from water/alkaline resistant floors. The product does not contain dyes or fragrances.



1:100-20  
pH conc.  
13,5

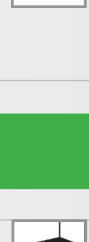


### Hako Cleanol-G

Hako Cleanol-G is a specially developed, very strong alkaline cleaning detergent for the food processing industry. Hako Cleanol-G has similar properties like Cleanol Food with the addition that Cleanol-G is ideally suited for use by horticulture shipment & logistic companies as well as horticulture auction houses. Green stems, leaves and other coloured plant residues are often pulped into the floor by the intensive use of transport carts. Cleanol G has superior stain removing properties.



1:100-10  
pH conc.  
13



## 4. Special products

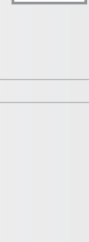


### Hako Cleanol-R

Hako Cleanol-R is a very effective, alkaline, product especially designed for removal of rubber tracks and stripes left by shoes and forklift tyres on the floor. Hako Cleanol-R is a pre-spray product and should NOT be used in a scrubber-drier. Hako Cleanol-R can be used on all water resistant floor-coverings. The product is not to be used on floors with a polymer- or wax based protective coating!



1:1  
pH conc.  
11



### Hako Defoam

Hako Defoam is silicon based defoaming agent. Hako Defoam inhibits foam build-up in the wastewater tanks of scrubber-driers, spray-extraction and wet-vacuum machines. The product has to be added to the wastewater tank before operating the machine. Preventing foam build-up substantially lowers the risk of water in the vacuum engines, thus preventing costly repairs.

**DO NOT  
DILUTE**

1:150-40  
pH konz.  
7



### Cleanol Smell-X

Cleanol Smell-X eliminates unpleasant odours in the tank system of scrubber-driers. Based on natural, beneficial microorganisms. Let the product work for circa 24 hours for a long lasting effect. Periodic repetition will improve the after effect. In severe cases use a stronger dilution rate.



ca. 1:1.000  
pH konz. 8



## 5. Extra information about:

### Hako Cleanol-SE ECO and Polyclean-SE

Both products are highly concentrated and designed to be used in combination with the Hako on-board dosing system. 1 litre of concentrate will give you 700 litres of ready-to-be-used cleaning solution! Hako Cleanol-SE ECO and Polyclean-SE can be used for the daily cleaning of all types of waterproof hard floors. The products will remove light to moderate pollution and can be safely used on floors with an acrylic polymer coating.

#### Hako Cleanol-SE ECO

Hako Cleanol-SE ECO is especially formulated to be used in combination with the Hako on-board dosing system, is pH neutral and easily removes general dirt. Through its calcium binding properties Hako Cleanol-SE ECO dries without streaking. With a dilution rate up to 1:700 it is an extremely economic product to use. Hako Cleanol-SE ECO meets the requirements of the European Eco-label and is non-hazardous with regards to transport.

#### Hako Polyclean-SE

Hako Polyclean-SE was also developed specifically for the Hako on-board dosing system. It is suitable as a combined cleaning and maintenance product. Especially floor coverings such as linoleum, PVC, stone, etc., are ideally cleaned with Polyclean SE. Hako Polyclean-SE leaves a slight satin gloss, however Polyclean SE does not contain polymers. Existing protective coatings are not damaged!


#### Your benefits

SE stands for Super Economic, due to the high concentration of active components Cleanol-SE ECO and Polyclean-SE are very cost-effective cleaning agents for daily maintenance. Because of the highly concentrated product there are many direct benefits: reduction of storage space, lower transportation costs, reducing packaging waste, reducing waste related costs and so on. It all adds up and help you to reduce time and cost in a quick and efficient way.



### Hako Cleanol, Cleanol Xtra and Cleanol-HD

With the arrival of Cleanol Xtra you have a great tool for cleaning the well-known medium type of pollutions. Cleanol Xtra does not need a hazard symbol on its product label!

	<b>Cleanol</b>	<b>Cleanol Xtra</b>	<b>Cleanol-HD</b>
<b>pH</b>	Circa 8	Circa 11	Circa 13,5
<b>Fragrance</b>	Fresh	Lemon-fresh	Typical
<b>To be used for</b>	Light types of pollution	Medium pollution	Heavy pollution
<b>Area</b>	e.g.: offices, showroom, warehouse, reception area	e.g.: distribution centres, showrooms, warehouse, light industries	e.g.: (heavy) (car) (metal) (petrochemical) industries, car/motor workshop
<b>Can be used in a HACCP surrounding</b>	✔	✔	✔
<b>Danger symbol on product label</b>	None	None	Corrosive 

## 6. Application

For comprehensive product information, please refer to the individual product information sheets. The actual usage and/or dilution rates are depending on the type of floor and type of dirt. Always read the product information sheet before use. When not sure always test first at an invisible spot.

D = Daily maintenance: removal of light- to medium dirt.

P = Periodic cleaning: when your daily cleaning agent is just not strong enough.

✓ = Advised

• = Possible to use

X = Do not use

		Cleanol	Cleanol-SE ECO	Polyclean	Polyclean-SE	Cleanol-I	Cleanol Sport	Cleanol-K	Cleanol-HD	Cleanol-S	Cleanol Food	Cleanol-G	Cleanol -R	Cleanol Xtra
Concrete	D	✓				✓		•			•	•		✓
	P					✓			✓	•	✓	✓	✓	•
Asphalt	D	✓	•						X				X	•
	P								X	•			X	
Stone carpet	D	•	✓					✓						✓
	P								✓					•
Slate	D	•	✓	✓	✓				✓					
	P								✓	•				
Quartz	D	•	✓	✓	✓			•						✓
	P								✓	•			✓	•
Floortiles-glazed	D	✓	✓	•	✓						•	•	•	
	P								✓	•	✓	✓	✓	✓
Floortiles-unglazed	D	•	•	•	•	✓		✓			•	•	•	✓
	P					✓		✓	✓	•	✓	✓		✓
Marble / marble composite	D	•	•	•	•			✓						✓
	P							✓	✓	•	•			
Limestone	D	•	•	•	•	✓		✓						
	P					✓		✓	✓	•	•			
Granite	D	✓	✓			•		✓						✓
	P							✓	✓	✓	•			✓
Chequer plate flooring	D	✓	✓						X	X		X		X
	P								X	✓			✓	
Linoleum (marmoleum / artoleum)	D	•	✓	✓	✓		•		X					
	P							•	•	✓				
PVC	D	•	✓	✓	✓		•							✓
	P							✓	•	✓				
Sports floors	D		•	X	X		✓		X	X				X
	P			X	X		✓		X	X				X
Raised rubber safety flooring	D	✓	✓			✓	•		X					✓
	P								✓	•	•			✓
Laminate	D	•	•	•	•		•		X	X	X	X	X	X
	P								X	X	X	X	X	X
Impregnated wood	D	✓	✓	•	•		•	X						X
	P	✓						X						X

## 7. Dosing systems

The advantages of using a dosing system are manifold; for example always the correct dilution of the detergent -in everyday practice this means significantly less use of detergent!-

Less detergent use is better for the environment and at the same time lowers your costs without lowering the quality of cleaning, a dosing system will make sure the cleaning result is always as it should be. All in all a dosing system brings advantages only!



### Hako dosing system for the 5 ltr can, 10 ltr can and 200 ltr drums

Dosing system for use with 5 and 10 ltr cans (dosing system SP 5829) or for 200 litre barrels (dosing system SP 1841-2). The principle behind both systems is the clever use of a Venturi system. No electricity is needed at all, just a hose connection with a freshwater tap. The right solution concentration can be manually set.



### Hako wall mounted dosing system

This system also works according to the Venturi principle and is equipped with a non-return valve which allows for a permanent connection with the freshwater service pipes. The system is completed with a nice looking cover, the desired dilution can be manually set.

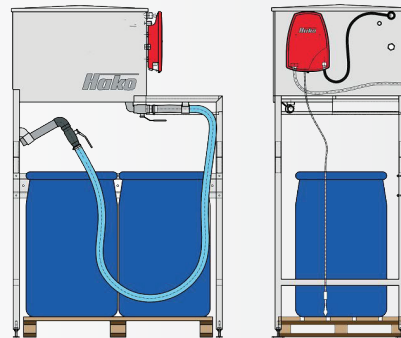


### Hako Fast-Fill system

The Hako Fastfill system is a concept specifically designed for fast-filling the larger scrubber-drier machines.

The Fast-Fill inlet automatically fills the holding container with a ready-to-use solution and shuts automatically off as well. All without using any electricity from the mains or batteries.

From the holding container one can pour 300 litres of cleaning solution within minutes into a scrubber-drier. Compare this with manually filling a large scrubber drier; this can easily take up to 30 minutes or more. The quick fill method eliminates any unnecessary waiting time (read: costly) for the cleaning staff. Productivity of hired time is used at its best. Please to ask your Hako account manager for the possibilities of acquiring a Fast-Fill system for your location.



**Hilco**  
Cleaning detergents

Hilco Chemie BV is a member of the Hako Group. Hilco develops and produces floor cleaning products exclusively for Hako. We make sure that our products clean very effectively, are low foaming, highly concentrated, environmentally conscious and safe for use in combination with your scrubber-dryer machine. Our products help you to prevent unnecessary failure and costly repairs and prolong the life expectancy of the machine at the same time. All our products fully comply with all relevant EU legislation.