

# CID LINES<sup>®</sup>

A photograph of a meat processing plant. In the foreground, a large, detailed view of a carcass is shown, highlighting the red muscle and white fat. In the background, rows of similar carcasses are suspended from a metal conveyor system, receding into the distance. The lighting is bright and industrial, with a focus on the texture and color of the meat.

WE  
MAKE  
HYGIENE  
WORK



**Hygiene is health.** We believe that hygiene is the main driver to ensure health from farm to fork. In turn, health will lead to more profitability, sustainability and, in the end, greater wellbeing for all. We are convinced that hygiene is health, in every step of the food chain. In the agricultural world, we offer hygiene solutions that ensure healthy animals, leading a higher return on investment for farmers. As a next step in the chain, we help the food industry attain better quality, health and safety, according to all standards and regulations. Finally, end consumers will enjoy greater wellbeing by eating clean, fresh and healthy food.

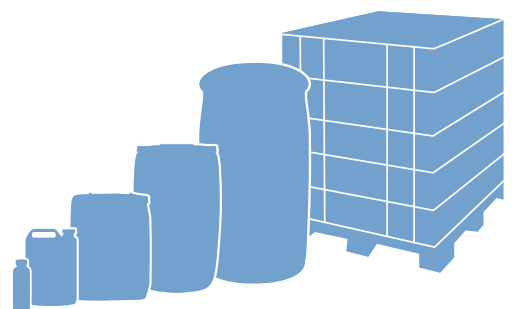
**WE  
MAKE  
HYGIENE  
WORK**

**CID LINES®**



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CID LINES reserves the right to change products without prior notice. All mentioned products are not necessarily available or registered in every country. Please ask for advice to your local CID LINES distributor. Additional product information can be obtained on demand: Technical Data Sheet, Material Safety Data Sheet, catalogues,... Other packing sizes are available upon request.

# TRANSPORT, LAIRAGE AND TRANSPORT CAGES



## Transport

Vehicles used to transport live animals must be cleaned and disinfected after every transport run, before leaving the slaughterhouse. This prevents cross-contamination between the slaughterhouse and farms and between (groups of) animals in subsequent transport runs.

According to Regulation EC 853/2004, slaughterhouses must have adequate and hygienic lairage facilities that are easy to clean and disinfect. A clean, dry environment prevents slipping and unnecessary stress which can affect meat quality. Lairage facilities should be disinfected regularly to minimise the transfer of bacteria such as *E. coli*, *Salmonella* and *Campylobacter*.

## CLEANING



### Globo 3600

Universal concentrated alkaline cleaner

- alkaline exterior cleaner
- suitable for all vehicles
- efficiently removes static roadfilm
- NTA and phosphate free



### Kenosan™

Highly foaming alkaline cleaner

- new and unique technology
- sticky foam with long-lasting adhesion
- penetrates even the most stubborn dirt
- save up to 50% product per m<sup>2</sup>
- safe on all materials



Poultry transport cages

### Pho Cid D Pro

Acid cleaner containing hydrogen peroxide

- effectively removes limescale, proteins and iron deposits
- based on sulphuric acid and ethanesulfonic acid
- contains hydrogen peroxide for an ultra-hygienic result



## Did you know?

Time is money:  
Kenosan takes care of lairage cleaning

- perfect cleaning at 1%
- best price/quality ratio
- up to 25% savings



## DISINFECTION



### Virocid®

The most concentrated disinfectant!

- the most effective disinfectant
- proven efficacy worldwide (EN and AOAC)
- recommended by many governments during disease outbreaks
- user-friendly



### D 50

Disinfectant based on peracetic acid

- rapid action
- completely biodegradable
- lightly foaming

# UNCLEAN AREA



These areas suffer severe organic, inorganic and microbiological contamination and need thorough, intensive cleaning. Both visual inspection after cleaning and compliance with the contact times for cleaners and disinfectants are crucially important.



## CLEANING



### Bio Cid S

**Strong alkaline foam cleaner for severe contamination**

- excellent foaming and adhesion
- strong degreasing ability
- effective removal of severe contamination in a single step



### Nitra Cid S

**Acid foam cleaner for mineral deposits**

- based on nitric acid and phosphoric acid
- ideal for periodic descaling
- good foam formation



### DM Cid S

**Alkaline chlorinated foam cleaner and disinfectant**

- all-in-one cleaning and disinfection for lightly soiled surfaces
- bleaching action
- short contact time



Scalding tank

### Anti Foam Forte

**Highly concentrated foam inhibitor**

- ideal for use in scalding tanks and depilation machines
- low dosage
- long-term efficacy

## DISINFECTION



### Kenocid 210

**Concentrated disinfectant based on quaternary ammonium and glutaraldehyde**

- outstanding performance thanks to synergistic effect of the active substances
- very lightly foaming
- suitable for all materials




### Kickstart Kenocid 2100 S 5%

**Acid disinfectant based on peracetic acid**

- lightly foaming: highly visible
- highly oxidative
- thorough deep action

# CLEAN AREA



Clean your slaughter line efficiently and safely with respect for the materials, without compromising on quality. Draw up a department-specific cleaning and disinfection programme in consultation with your CID LINES representative.



## CLEANING



### DM Cid S

Alkaline chlorinated foam cleaner and disinfectant

- all-in-one cleaning and disinfection for lightly soiled surfaces
- bleaching action
- short contact time



### Tornax S

Phosphoric acid foam cleanser

- removes minerals and light organic contamination
- ideal for weekly acid cleaning
- restores the shine of stainless steel



Chicken fat

### Alox DMS F

Highly foaming and degreasing alkaline cleaner

- strongly foaming
- excellent degreasing properties
- exceptional complexing action



CIP blood tanks

### DM Cid

Alkaline chlorinated cleaner and disinfectant

- cleaning and disinfection in one
- non-foaming: ideal for CIP and washing installations
- effective at low concentrations



# CLEAN AREA



## Kenosan Lactic<sup>TM</sup> is:



- a valuable and approved alternative to disinfection with water at a minimum of 82°C on the slaughter line or in cutting rooms
- specially tested and approved for its effectiveness against E. coli, Pseudomonas aeruginosa, Staphylococcus aureus, Enterococcus hirae, Salmonella sp., Listeria monocytogenes and Campylobacter jejuni
- no risk of skin burns
- knives retain their cutting edge
- composed of food contact ingredients so there is no need to rinse

## DISINFECTION



### Kenosan Lactic™

Innovative based on lactic acid

- intermediate knife disinfection
- disinfection of surfaces
- no need to rinse
- short contact times



### Peroxides 35™

Based on hydrogen peroxide

- completely biodegradable
- suitable for all materials
- no need to rinse



### Kenodes 100™

Based on quaternary ammonium

- lightly foaming
- short contact time
- suitable for all materials



### Kenocid 210 1/4™

Concentrated quaternary ammonium and glutaraldehyde

- outstanding performance thanks to synergistic effect of the active substances
- very lightly foaming
- suitable for all materials



### Kenocid 2100 S 5%™

Acid based on peracetic acid

- lightly foaming; highly visible
- highly oxidative
- thorough deep cleaning



Manual use

### Eco Des™

Cleaner based on quaternary ammonium

- for foam and manual cleaning
- cleaning and disinfection in one
- ideal for sensitive materials



### Kenolox 10™

Ready-to-use disinfectant based on lactic acid and hydrogen peroxide

- safe for user and materials
- without rinsing
- also suitable for room disinfection through fogging



# SHOCK CHILLER AND REFRIGERATED STORAGE



Shock chiller and refrigeration facilities must often be cleaned and disinfected in a very short time. Combined cleaning and disinfection products are perfect for this job. Maintenance, cleaning and disinfection of the cooling units should not be forgotten.

## CLEANING



### DM Cid S

Disinfectant / Chlorinated alkaline foam cleaner

- all-in-one cleaning and disinfection for lightly soiled surfaces
- bleaching action
- short contact time



Evaporator

### Alcalu S

Gentle alkaline cleaner with strong foaming properties

- powerful cleaning abilities
- ideal for sensitive materials, e.g. evaporators
- easy to rinse

## DISINFECTION



### Kenodes 100

Disinfectant based on quaternary ammonium

- lightly foaming
- ideal for sensitive materials
- short contact time



### Kenocid 210 1/4

Concentrated quaternary ammonium and glutaraldehyde disinfectant

- outstanding performance thanks to synergistic effect of the active substances
- very lightly foaming
- suitable for all materials



Evaporator

### Eco Des

Disinfectant/cleaner based on quaternary ammonium

- for foam cleaning and manual cleaning
- cleaning and disinfection in one
- ideal for sensitive materials



Evaporator

### Keno Chill Gel

Hygienic cleaner for cooling units and heat exchangers

- long-lasting hygiene performance; reduces the number of necessary cleaning cycles
- does not corrode aluminium, copper or galvanised steel
- no need to rinse
- ready-to-use solution



## Did you know?

Ken<sup>o</sup>Chill Gel has emulsifying and dirt penetrating properties. This ready-to-use solution can be sprayed directly onto the surfaces to be treated. Application of the liquid results in the formation of a gel film which guarantees a hygienic level over a long period. Ken<sup>o</sup>Chill Gel is not corrosive, making it ideal for cleaning aluminium, copper and galvanised cooling units. However, the product must not be used on coated heat exchangers. Ken<sup>o</sup>Chill Gel is used widely in the food industry and transport sector.



# CUTTING AND PROCESSING



A customised hygiene programme where the products and frequency are specified for every application is extremely important. This will prevent a build-up of dirt which can form a breeding ground for bacteria and also reduce the effectiveness of disinfectants.

## CLEANING



### DM Clean Ultra

Highly alkaline CIP cleaner

- for strongly attached organic contamination
- suitable for use at high temperatures
- ideal for CIP cleaning and tunnel washers



### DM Cid S

Disinfectant / Chlorinated alkaline foam cleaner

- all-in-one cleaning and disinfection for lightly soiled surfaces
- bleaching action
- short contact time



### Oxo Clean Des

Combined foam cleaner / disinfectant based on hydrogen peroxide

- all-in-one cleaning and disinfection of slightly contaminated surfaces
- bleaching effect
- chlorine free
- ideal for cleaning conveyor belts



### Kenosan Omnia Secur

Concentrated universal foam cleaner

- also for manual cleaning
- suitable for all surfaces
- strong degreasing



### DM Cid Ultra S

Alkaline foam cleaner and disinfectant based on amines

- chlorine-free alternative to DM Cid S
- short contact time



### Eco Des

Cleaning and disinfectant based on quaternary ammonium

- both foam and manual cleaning
- one-step cleaning and disinfection
- ideal for sensitive materials



### DM Foam S Extra

Strong alkaline smoking cabinet cleaner

- burned pollution
- prolonged adhesive foam
- Also suitable for automatic cleaning

## DISINFECTION



### Kenochlor™

Disinfectant based on chlorine

- lightly foaming
- bleaching action
- based on stabilised chlorine for better disinfection



### Kenodes 100™

Disinfectant based on quaternary ammonium

- lightly foaming
- ideal for sensitive materials
- short contact time



### Kenocid 210 1/4™

Concentrated quaternary ammonium and glutaraldehyde disinfectant

- outstanding performance thanks to synergistic effect of the active substances
- very lightly foaming
- suitable for all materials



Small equipment:  
thermometers

### Kenosan Lactic™

Innovative disinfectant based on lactic acid

- intermediate knife disinfection
- surface disinfection
- no need to rinse
- short contact times



### Alco Cid A

Alcohol-based disinfectant

- rapid, residue-free disinfectant
- without rinsing: evaporates in 5 min.
- suitable for all materials



### Peroxides 35

Disinfectant based on hydrogen peroxide

- completely biodegradable
- suitable for all materials
- no need to rinse



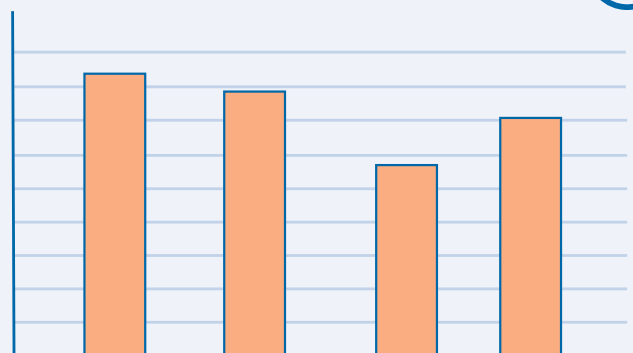
### Kenolox 10™

Ready-to-use disinfectant based on lactic acid and hydrogen peroxide

- safe for user and materials
- without rinsing
- also suitable for room disinfection through fogging

### Did you know?

Total cost of disinfection based on a disinfected area of 600m<sup>2</sup>



Kenocid 210   Kenocid 2100 5%   Kenosan Lactic   Kenochlor





# MEAT TRANSPORT

The transport vehicle is the company's public image. Take care of to both the inside and outside of the vehicle. Using a combined cleaner and disinfectant saves time without compromising on quality and food safety.



## Alcalu D

Gentle alkaline cleaner with strong foaming properties

- excellent cleaning ability
- suitable for sensitive materials
- ultra-hygienic result



## Globo 3600

Universal concentrated alkaline vehicle cleaner

- alkaline exterior and interior cleaner
- suitable for all vehicles
- easily removes static road film
- without NTA or phosphates



## Keno Chill Gel

Hygienic cleaner for cooling units and heat exchangers

- long-lasting hygiene performance; reduces the number of necessary cleaning cycles
- does not corrode aluminium, copper or galvanised steel
- no need to rinse
- ready-to-use solution



## Multi Des

Cleaner and disinfectant based on quaternary ammonium

- for manual use and foam cleaning
- one-fase cleaner and disinfectant for slight polluted surfaces
- especially formulated for sensitive materials

# CRATE WASHING INSTALLATIONS



## DM Cid

Alkaline chlorinated cleaner and disinfectant

- cleaning and disinfection in one
- non-foaming; ideal for CIP and washing installations
- effective at low concentrations



## DM Cid Ultra

Alkaline cleaner and disinfectant based on amines

- cleaning and disinfection in one
- chlorine-free alternative to DM Cid
- suitable for CIP and washing installations



## Anti Foam Ultra

Highly concentrated foam inhibitor

- based on tensio-active components
- does not contain silicone
- suitable for use at high temperatures



## Nitra Cid

Powerful descaler

- based on nitric acid and phosphoric acid
- ideal for periodic descaling
- also removes moderate protein deposits



## Pho Cid D Pro

Acid cleaner for CIP systems

- based on phosphoric and sulphuric acid
- nitrate-free
- ideal for regular descaling of tunnel washers



## DX 100

Label remover

- natural solvent substitute
- concentrated stain remover
- solvent for stubborn stains and labels

# PERSONAL HYGIENE



## CLOTHES



### L 100

Concentrated Liquid Washing Machine

- 30-90°C
- concentrated: economical to use
- suitable for all water types



### L 200

Concentrated liquid booster for  
machine wash

- removes stubborn stains
- suitable for all textile types
- supports the washing power of Kenolux L100



### L 300

Concentrated liquid oxygen bleach

- optimum effect: 60-90°C
- unique bleaching effect
- for all white and colour-fast textiles

# PERSONAL HYGIENE



**Optimal hand hygiene**

- 1 Palm to palm
- 2 Right palm over back of left hand and left palm over back of right hand
- 3 Palm to palm with fingers interlaced
- 4 Backs of fingers to opposing palms with fingers interlocked
- 5 Rotational rubbing of right thumb clasped in left palm and vice versa
- 6 Rotational rubbing, back wards and forwards, with clasped fingers of right hand in left palm and vice versa
- 7 Dry your hands
- 8 Disinfect

WE MAKE HYGIENE WORK

CID LINES

## HANDS



### Kenosept G

Disinfecting hand gel

- based on chlorhexidine and propanol
- softening and hydrating



### Kenosept L

Liquid hand disinfection with alcohol

- based on chlorhexidine and propanol
- ideal for automatic dispensers



### Kenoderm

Cleaning and disinfecting hand soap

- without perfume
- complies with the strictest EN standards



## Kenosoft N™

Soft soap

- without perfume
- suitable for frequent use



## Kenosilk™

Moisturising hand lotion

- ideal at the end of the working day
- hydrates and nourishes the hands
- lightly perfumed



## FEET



## DM Cid

Alkaline chlorinated cleaner and disinfectant

- bleaching action
- cleaning and disinfection in a single step
- low dosage



## Eco Des

Disinfectant/cleaner based on quaternary ammonium

- does not stain clothing
- cleaning and disinfection in a single step
- also suitable for disinfect carpets



## Multi Des

Cleaner and disinfectant based on quaternary ammonium

- for manual use and foam cleaning
- one-phase cleaner and disinfectant for slight polluted surfaces
- especially formulated for sensitive materials



# YOUR NEXT STEP TO BETTER HYGIENE

## Step program

Hygiene is the driving force behind healthy and safe food production. The law ensures strict regulation and monitoring, but the requirements of the intermediaries are also putting increasing demands on hygiene. Consumers are also becoming increasingly aware of the risks and will disconnect when the food on their plate is not 100% safe. Therefore, food safety is an important factor for any food manufacturer.

From that point of view the quality department and its operations become increasingly important within the company. One of the tasks of this quality department is to guarantee a qualitative cleaning and disinfection. In order to achieve this target there are more needs than only a qualitative cleaning product. This is the basic philosophy behind the STEP-program.

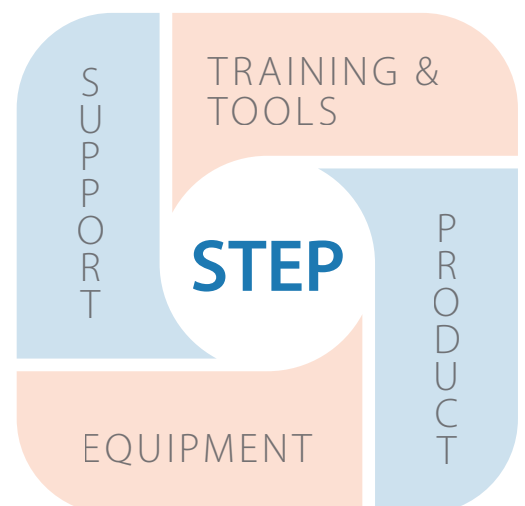
The **STEP program** stands for **Support, Training and Tools, Equipment and Product Selection**: your first step towards better hygiene!

Several services provide the necessary **support** to achieve **continuous improvement**. For this service, CID LINES appeals on hands-on representatives, an in-the-field sales and quality support team, a professional team of technicians and the Cirlam Laboratory.

Optimal performance of the product is also determined by the work methodology and supported by customized **training and tools**.

Our extensive range of **equipment** certainly offers you a solution for precise dosage and thus correct usage of the products.

CID LINES is a manufacturer of an extremely complete range of cleaning and disinfecting **products** that offer solutions in the **food industry**.



# MANAGEMENT TOOLS

## Distributorzone

Do you sometimes miss the most recent data sheets? Not anymore! Via our website you can enter our distributor zone. This is an online platform in which you can find all sorts of documents, such as MSDS, TDS, your latest calibration report, logo's, drum pictures, ... Thanks to an update every night, you'll always find the most recent MSDS and TDS of the product you buy.

Next to these documents, you'll also find information about exhibitions, downloads concerning trainings, sensibilisation posters, ...

**Briefly all kinds of documents which can support your quality policy – to make hygiene work!**



## Planmaker

Planmaker is the online tool for the creation of your hygiene plans. Both your CID LINES representative and your distributor will enjoy using Planmaker to make a hygiene plan in a fast and easy way. This program allows us to provide a specific hygiene plan for your company in no time. The plan is divided in zones, in which we add applications with each their specific product.

What's in it for you? You can consult and print your hygiene program whenever you like. And you have the possibility to print a registration form for the cleaning staff. You can do this by visiting our website <http://planmaker.cidlines.com>. Your CID LINES representative or distributor can send you a login.

## Storage sheets & sensibilisation posters

Use our storage sheets to let your storage "burst"! Not literally of course, but thanks to our storage sheets, you'll have all the important information about the product, such as first aid measurements. No long-lasting search to safety data sheets, whereby you can lose precious time.

Next to the first aid measurements, you and your co-workers are informed about the risk the products entails and which protective measures you need to take.

Finally the products can be used in a correct way, thanks to the instruction on top of the sheet. Here you'll mainly find some information about dosage, contact time and whether or not you need to rinse after use.

Next to the storage sheets, we also have some sensibilisation posters/stickers. These posters obtain important information concerning personal hygiene, working in a safe way, storage of products, correct use of dosing equipment, ...

Would you like to receive some of these storage sheets, posters and/or stickers, please don't hesitate to contact your CID LINES representative.





**CID LINES<sup>®</sup>**

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