


# CID LINES®

## FOOD CATALOGUE

WE  
MAKE  
HYGIENE  
WORK



At CID LINES, we believe that hygiene is health. And that health, in turn, is the key to more profitability and sustainability. In agriculture, healthy animals ensure a higher return on investment for farmers. In the food industry, health and safety lead to better business, in line with all regulations. Overall, end consumers will always benefit from a healthy food chain, leading to greater wellbeing.

That's why we make hygiene work. And we do it in the most effective way, as a trusted partner of farmers and food professionals. Not only do we offer a broad range of products for specific purposes, we also give advice that's fully tailored to each situation and every step in the chain. To come up with the right hygiene solutions, we build solid relationships with our distributors, offering them continuous support.

Moreover, we always stay ahead by investing in research and development and by sharing our innovations with our partners. This way, we make sure that they don't need to worry. Because we help them focus on what's truly essential: keeping their business healthy.

**WE  
MAKE  
HYGIENE  
WORK**

**CID LINES<sup>®</sup>**



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Multiple packagings available.



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,...

# OPEN PLANT CLEANING



## ALKALINE



### Kenosan<sup>™</sup> Omnia Secur

Powerful foam cleaner for all types of dirt

- concentrated universal foam cleaner
- excellent cleaning and degreasing properties
- manual cleaner and foam cleaner
- on all surfaces
- good biodegradability
- environmental friendly



### Kenosan<sup>™</sup>

Excellent foam quality

- unique formula based on new technologies
- sticky and long-lasting foam
- extreme dirt penetrating capacity
- very economical use
- non corrosive



### Alox DMS

Chlorine free foam cleaner

- alkaline foam cleaner
- strong foaming
- contains corrosion inhibitors

## ALKALINE



### Alox DMS F

**Strong degreasing foam cleaner**

- concentrated alkaline cleaner
- strong foaming action
- strong degreasing action



### Alcalu S

**Soft foam cleaner for sensitive surfaces**

- concentrated soft alkaline cleaner
- strong foaming qualities
- for sensitive materials (aluminium e.g.)



### Alcalu D Cleaner

**Powerful, slightly decontaminating cleaner**

- powerful alkaline cleaner
- for sensitive surfaces
- extra hygiene component



### Bio Foam S

**Cleaner with strong foam properties**

- for cleaning heavily soiled surfaces and burned contamination



### Bio Cid S

**Strong foam cleaner for heavy contaminations**

- strong alkaline foam cleaner
- efficient and fast removal of heavy contaminations



### DM Foam S Extra

**Foam cleaner for drying, cooking and smoking units**

- strong alkaline cleaner
- strong foaming characteristics
- ideal for the cleaning smoking cabinets or heavily contaminated equipment



### Biogel

**Highly concentrated cleaner**

- with special gel formation for heavy contamination
- excellent adhesion ability
- results in better action on the contamination



### Eco Clean

**Concentrated cleaner**

- with strong foaming properties



### DM Foam S Forte

**Highly concentrated foam cleaner with extra complexing power**

- ideal for the cleaning of smoking cabinets or heavy contaminated materials
- daily use avoids the formation of mineral deposits and keeps the surfaces shiny

## ACID



### Tornax S

Foam cleaner based on phosphoric acid

- acid foam cleaner
- removal of protein, lime and iron deposits
- excellent foam generation
- based on phosphoric acid



### Tornax S 20

Foam cleaner based on sulfamic acid

- concentrated acid foam cleaner
- removes calcium, iron and protein deposits
- based on sulfamic acid
- doesn't contain phosphorus or nitrates



### Tornax E

Concentrated cleaner with strong foaming properties

- phosphoric acid and nitric acid based



### Nitra Cid S

Strong foam cleaner

- acid foam cleaner based on nitric acid
- for the removal of calcium deposits, proteins and iron deposits on all surfaces



### MSR 30 Gel

Concentrated gel cleaner

- for the removal of strongly attached organomineral and starch complexes
- with extended adherence and action

## ALKALINE CHLORINATED



### DM Cid S

Foam cleaner

- alkaline
- chlorinated
- cleaner



### Eco Chlor S

Concentrated cleaner

- with strong foaming properties



### DM Cid SL

Concentrated foam cleaner with integrated corrosion inhibitor

- suitable for use on sensitive materials



## NEUTRAL



### Bio Net +

Foam cleaner based on cationic surfactants

- specifically for sensitive surfaces



### D Clean

Suitable for renewal and foam cleaning

- strong degreasing effects
- skin protecting and softening agents



### Keno<sup>TM</sup> Chill Gel

Hygienic cleaner for cooling units and heat exchangers

- food industry and cooled transport
- ideal for the cleaning of aluminium, copper and galvanized cooling units

# OPEN PLANT DISINFECTION



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

- a worthy and recognized alternative for disinfection with water of at least 82°C/180°F on the slaughter line or cutting rooms
- additionally tested and approved because of its effect on *E. coli*, *Pseudomonas aeruginosa*, *Staphylococcus aureus*, *Enterococcus hirae*, *Salmonella spp.*, *Listeria monocytogenes* and *Campylobacter jejuni*
- no risk of burns
- knives don't lose their cut
- based on food contact components and so approved use without rinsing. It's a never ending job that requires a rigorous approach. One cannot be selective about which areas get disinfected and which are not. Bacteria, viruses and fungi will find a stronghold in these 'forgotten areas' and finally spread disease through people, poultry, transport, vermin, insects etc. that are passing by these infectious hot spots.



## LACTIC ACID



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

#### Innovative disinfectant

- disinfectant
- based on lactic acid
- applied without rinsing
- revolution in knife disinfection at slaughter and cutting lines

## PERACETIC ACID



### Kenocid 2100 S 5%<sup>TM</sup>

#### Disinfectant for CIP installations

- acid disinfectant for CIP installations
- based on peracetic acid (5%) and hydrogen peroxide
- strong oxidizer



### Kickstart<sup>TM</sup>

#### Concentrated disinfectant

- based on peracetic acid
- with good foaming properties

## HYDROGEN PEROXIDE



### Peroxides 35<sup>TM</sup>

#### Disinfectant

- based on hydrogen peroxide
- authorized to use without rinsing



### Kenodes 50<sup>TM</sup>

#### Disinfectant

- based on hydrogen peroxide
- circulation in closed systems

## ALCOHOL



### Alco Cid A<sup>TM</sup>

#### Disinfectant

- based on alcohol
- no rinsing; evaporates within 5 min.
- leaves no traces of taste neither smell



### Alco Cid Wipes<sup>TM</sup>

#### Disinfecting wipes for intermediate disinfection

- disinfecting wipes
- intermediate disinfection
- bactericidal, levuricidal and virucidal action
- food industry (PT4) and health care sector (PT2)



### Oxo Clean Des<sup>TM</sup>

#### Hydrogen peroxyde based foam C&D

- suitable for all materials
- daily use provides additional bleaching power



### Kenolox 10<sup>TM</sup>

#### Ready-to-use surface and room disinfectant based on hydrogen peroxyde and lactic acid

- no rinsing required
- suitable for room disinfection through fogging

## QUATERNARY AMMONIUM



### Kenodes 100™

#### Disinfectant

- slightly foaming
- only available in the Netherlands



### Multi Des

#### C&D based on quaternary ammonium

- used as manual cleaner or foam cleaner and disinfectant all in one



### Eco Des

#### C&D based on quaternary ammonium

- cleaner with disinfecting action
- based on quaternary ammonium



### Kenocid 210™

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

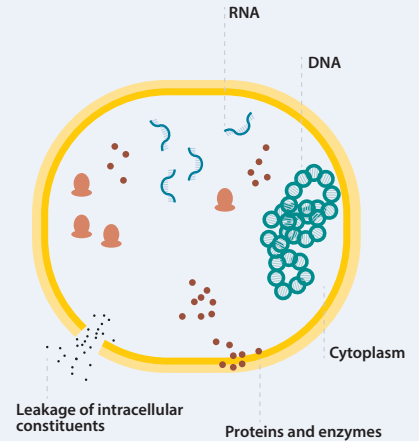
- slightly foaming



### Kenocid 210 1/4™

#### Disinfectant based on quaternary ammonium and glutaraldehyde

- slightly foaming



Kenocid 210 and Kenocid 210 1/4 are made up of two active substances, didecylmethylammoniumchloride and glutaraldehyde. Both operate according to other principles in the bacterial cell. This results in a synergistic bactericidal effect at low concentrations and realistic contact times.

## CHLORINE



### Kenochlor™

#### Concentrated disinfectant

- slight foaming effect
- all surfaces, equipment and transport in the food industry



### DM Cid S

#### Foaming C&D

- foam cleaner with disinfecting effect
- chlorinated

## AMINES



### Kenocid 300™

#### C&D product for surfaces

- amine based cleaner and disinfectant
- alternative to quaternary ammonium disinfectants



### DM Cid S Ultra

#### Combined foam cleaner and disinfectant

- concentrated
- alkaline chlorinated



Use biocides with precaution. Before any use, read the label and the information concerning the product.

# CIP CLEANING



## ALKALINE



### DM Clean Eco

#### Strong CIP cleaner

- alkaline CIP product
- cleaning of storage tanks, pipes and CIP installations
- ideal for use in soft water



### DM Clean

#### Strongly CIP cleaner

- strongly alkaline cleaner
- non-foaming product
- for use in CIP installations



### DM Clean Super

#### Excellent degreasing properties!

- alkaline CIP product
- extra degreasing properties
- soft and medium hard water



### DM Clean Ultra

#### Strong CIP cleaner

- strong alkaline cleaner
- non foaming
- CIP installations, equipment and all surfaces



### DM Clean Extra

#### Non foaming cleaner

- natriumhydroxide based alkaline cleaner
- for tankcleaning
- non foaming



### DM Clean Forte

#### CIP cleaner with high-complexing power

- alkaline single-phase cleaner
- time saving
- high-complexing power



### DM Clean SL

#### Non foaming cleaner for the entire food industry

- alkaline cleaner
- non-foaming
- extra corrosion inhibitors



### DM Super

#### Cleaning product for dish washers

- also suitable for sensitive materials



### DM Clean Mola

#### Very soft CIP cleaner with high complexing power

- caustic-free, suitable for use on sensitive materials

## ALKALINE CHLORINATED



### Eco Chlor

#### Detergent

- alkaline chlorinated detergent
- cleaning and disinfection
- in CIP installations
- based on hypochlorite



### DM Chlor BE

#### Cleaner and disinfectant

- suitable for butter churns

## ACID



### Pho Cid

#### Cleaner for CIP systems

- concentrated acid cleaner for CIP installations and crate washing machines
- based on phosphoric and sulphuric acid
- with a strong detergency effect



### Pho Cid Ultra

#### CIP cleaner

- based on organic, inorganic acids, and hygienic components
- for the removal of mineral and strongly attached protein contamination
- nitrate- and phosphate-free.



### Pho Cid B

#### CIP cleaner with additional moisturising properties

- based on phosphoric acid
- for the removal of organic and mineral contamination
- suitable for use on sensitive surfaces



### Pho Cid R

#### Detergent for the cleaning of CIP installations

- alkaline
- chlorinated
- cleaner



### Nitra Cid

#### Cleaner for CIP systems

- acid cleaner
- based on nitric acid
- removes persistent limescale, proteins and iron deposits



### Nitra Cid D

#### Cleaner with decontaminating action

- acid cleaner
- decontaminating action
- removal of protein, iron and lime scale deposits
- based on nitric and lactic acid



### Tornax 20

#### Non foaming cleaner for CIP installations

- acid cleaner with sulfamic acid
- non foaming, contains wetting agents and emulsifiers
- designed for the removal of most organic and inorganic pollutions



### MSR 30

#### CIP cleaner

- acid cleaner
- removal of deposits with mineral composition
- based on nitric acid and phosphoric acid



### MSR 50

#### Strong CIP cleaner for the removal of heavy mineral complexes and starch

- developed for periodical/renovational cleaning

# CIP DISINFECTION



## HYDROGEN PEROXIDE



### Cid Clean

Disinfectant based on 50% stabilized hydrogen peroxide

- disinfectant based on hydrogen peroxide
- strong oxidiser
- suitable for CIP and surfaces



### Peroxides 35

Disinfectant based on hydrogen peroxide

- authorized to use without rinsing

## AMINES



### DM Cid Ultra

Chlorine-free alkaline cleaner and disinfectant

- excellent foam quality and surface adherence

## PERACETIC ACID



### Kenocid 2100 5%

Acid disinfectant for CIP installations

- acid disinfectant for CIP installations
- based on peracetic acid (5%) and hydrogen peroxide
- strong oxidizer



### Kenocid 2100 15%

Acid disinfectant for CIP installations

- acid disinfectant for CIP installations
- based on peracetic acid (15%) and hydrogen peroxide
- strong oxidizer



### Kenocid Oxi 5

Disinfectant based on 5% peracetic acid

- with integrated tracer

## CHLORINE



### DM Cid

Alkaline chlorinated cleaner and disinfectant

- alkaline chlorinated cleaner and disinfectant
- for CIP installations and surfaces



### DM Chlor

Chlorinated alkaline cleaner-disinfectant

- for CIP and washing installations



# CIP OTHER

## ANTI FOAM



### Anti Foam

#### Strong concentrated

- for water purification and other applications



### Anti Foam Ultra

#### Concentrated defoamer

- all applications in the food industry



### Anti Foam Forte

#### Food Compliant foam inhibitor

- very concentrated and long term activity.
- ideal for foam inhibition in slaughterhouse applications



### Anti Foam Bio Food

#### Highly concentrated foam inhibitor

- based on rapeseed oil
- suitable as a food additive cfr EU 528/2012

## ANTI FOAM



### Anti Foam Food

#### Highly concentrated foam inhibitor

- used in production processes, where high foaming might occur
- can be used in standing water or in CIP systems

## RINSING AID



### DM 50 R

#### Neutral rinse aid

- neutral rinsing and brightening agent for industrial washing machines

## LUBRICANT



### V 60

#### Conveyor belt lubricant

- based on synthetic with conservator
- for moving synthetic parts and stainless chains

## ADDITIVES



### AD 50

#### Additive to improve the cleaning action of alkaline CIP solution

- additive to improve the cleaning action of alkaline CIP solutions
- good binding of minerals in the cleaning water
- defoaming capacity



### AD 60

#### Additive for hydroxide in CIP installations

- concentrated additive
- alkaline purifications CIP
- can be enforced for on-stages purification



### AD Oxi

#### Additive with oxidizing properties

- cleaning booster
- for hydroxide
- based on active oxygen

# MEMBRANE CLEANING

## Keno™ X-Flow

Food processing regulations and production require that membrane systems in food plants have cleaning routines. An effective cleaning and disinfection regime must accommodate a variety of factors to maximize membrane life while minimizing expense and time. Different membranes require different cleaning routines.

The most important issue in membrane cleaning is an adequate cross-flow velocity. The Keno™ X Flow range is your partner to establish effective, efficient and standardized cleaning regimes for both membrane systems and applications.

### One goal

The main goal is an effective, standardized and efficient cleaning program customized to the membrane and production.

### Our solution

- A proper selection of chemicals.
- The knowledge and experience will help you to optimize your membrane cleaning and production performance.
- Technical support on validations and dosing systems.
- Training of the operators on safety, product application and daily validation.

### Customer benefits

- Specially formulated to clean all membrane types; Micro Filtration (MF), Ultra Filtration (UF), Nano Filtration (NF) and Reverse Osmosis (RO).
- CID LINES chemicals enhance the performance of your system and prolong the life of membranes.
- CID LINES has the knowledge and experience to optimize/customize cleaning programs.

# Keno X-Flow



## Keno™ X-Flow 05

Mild alkaline strongly oxidizing product enriched with complexing agents

- as booster for the removal of proteins, starch and organo-mineral complexes
- assures a hygienic result
- applicable in all waterhardnesses



## Keno™ X-Flow 11

Mild alkaline product enriched with complexing agents and surfactants

- for the removal of proteins, fats and organo-mineral complexes
- suitable for pH sensitive membranes
- applicable in all waterhardnesses



## Keno™ X-Flow 12

Strong alkaline mix enriched with surfactants and complexing agents

- for the removal of proteins, fats and organo-mineral complexes
- easy to rinse
- efficient at low concentrations



## Keno™ X-Flow 13

Organic acid mix enriched with surfactants

- for the removal of mineral deposits, salts and proteins
- Nitrogen and Phosphate free
- applicable as hygienic conservator



## Keno™ X-Flow 15

Strong inorganic acid mix

- for the removal of mineral deposits, salts and proteins
- surfactant free
- efficient at low concentrations



## Keno™ X-Flow 17

Neutral enzymatic cleaner enriched with surfactants

- for the removal of proteins
- excellent biodegradability
- pH neutral - non corrosive solution



## Keno™ X-Flow 19

Mild alkaline buffering agent for enzymatic cleaners

- as booster for an improved protein removal
- suitable for pH sensitive membranes
- applicable in all waterhardnesses



## Keno™ X-Flow 25

Strong alkaline mix enriched with surfactants and complexing agents

- for the removal of proteins, fats and organo-mineral complexes
- efficient at low concentrations
- applicable in all waterhardnesses



## Keno™ X-Flow AD

Mild alkaline additive based on surfactants

- as booster for the removal of fats and proteins
- suitable for pH sensitive membranes
- applicable as additive for all alkaline membrane cleaners

# HAND HYGIENE



## HAND DISINFECTION



### Kenosept L

Alcoholic solution for hand hygiene

- alcoholic solution
- fast drying
- disinfection of hands
- certified for agriculture and food processing industry



### Kenosept G

Alcoholic gel solution for hand hygiene

- disinfecting alcoholic gel solution
- certified for agriculture and food processing industry
- soft



### Kenoderm

Hand soap for the hygienic disinfection of the hands

- cleaner and disinfectant
- soluble liquid soap
- soft for the skin
- contains no perfume



### Kenosept DT

Additive for monitoring the hand disinfection technique

- inspect the hands under a UV light: the area that is not covered with disinfectant solution remains dark, while the disinfected area lights up.



## HAND SOAP



### Kenosoft N

Non-perfumed soft hand soap

- gentle non-perfumed hand soap
- protects and softened the hands
- created for frequent use



### Handcleaner Eco

Soft perfumed hand soap.

- handcleaner
- ideal for daily use
- soft
- pleasant perfume



### Meca Clean

For greasy and dirty hands!

- handsoap for greasy and dirty hands
- removes oil, paint, fat, bad smells,...
- gentle scrubbing beads
- very soft for hands
- cosmetic quality

# 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.

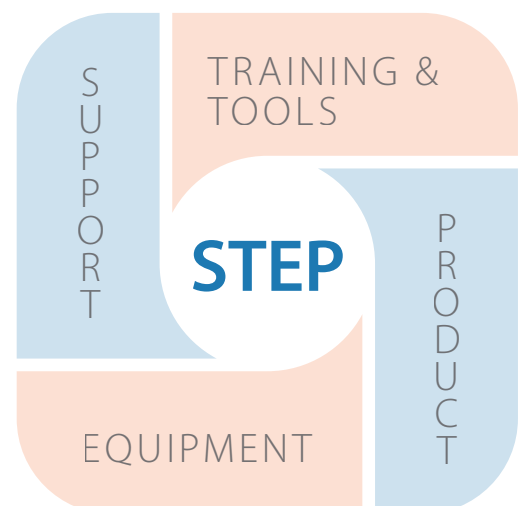
The **STEP program** stands for **Support, Training and Tools, Equipment and Product Selection**: your first step towards better hygiene!

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.



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