

CARE BEYOND HYGIENE



During this time we see how household, industrial and institutional cleansing brands are innovating to fight Covid-19, that's a good opportunity to aid consumer decision making with new tools that track the virus. These products have become essential in the everyday life of consumers because we continue to spend more time at home.

We recognize hygiene & cleansing routines as a way to restore normalcy during stressful times. Brands can use their growing importance to be more clearly position as mental, community and planetary health allies.

We have to be part of this strategy, that's why we offer **effective** and **safe** solutions.

Give your customers a cleanse they can make believe in.

LONZAGARD HDS FOAM by LONZA

Antimicrobial Hand Disinfectant Soap (Didecyl dimethyl ammonium chloride, 2-Phenoxyethanol)

We all know that keeping our hands clean is one of the most important steps we can take to avoid getting sick and spreading germs to other people. And why don't we wash our hands with an antimicrobial soap? **Lonza** gives you the solution! Discover **Lonzagard HDS Foam**, a hand sanitizer soap with an innovative formula. Perfect for frequent hand washing typical of professional users.

Lonza intends to notify and authorise the product, in the final form, under the Biocidal Products Regulation (BPR, EU (No) 528/2012) and its national transitional procedures; we invite our customers to benefit soon sales in a growing market thanks to our LoA's for your own label and registration.

PROPERTY	VALUE
Appearance	Clear Liquid
Solubility	Completely miscible in water
Odour	Characteristic, Aromatic
Density at 20°C	1.01 g/cm ³
Viscosity	<10 cP
pH	5.5
Shelf Life	2 years

Benefits:

- Passes requirements of EN 1499 at 30 sec contact time.
- Passes requirements of EN 14476 at 30 sec contact time (Virucidal)
- Formulated at the natural pH of the skin.
- Not classified as hazardous under CLP (EU(No)1272/2008)
- Fragrance and dye free.
- High performance under heavy soiling conditions.
- Proven spectrum anti-microbial efficacy; bacteria, yeast and enveloped viruses.
- Lonza patent pending.



ECOBOOST by CPL AROMAS

Concentrated Fragrance Technology

EcoBoost is a unique fragrance concentration technology. With EcoBoost, it is possible to create a fragrance using less of the normal dosage.

EcoBoost is not simply diluent free versions of ordinary fragrances; they are high-impact fragrances with no compromise on strength or quality. Cheaper cost in use of **EcoBoost** fragrances compared to a standard fragrance very often.

With **EcoBoost**, lower concentration can mean that levels of solvents or surfactants in the base formula can also be reduced without impacting on the performance of the product. **More compatibility in formulations due to lower dosage needed and compliance with labelling regulations(allergens...)**

Applications:

- Products such as all purpose Cleaners, Washing Up Liquids.

In-use Information:

- In-use performance has to be comparable to normal dosage fragrances. Ecoboost fragrances will be dosed at:
 - 0.5% instead of 5% in Candles
 - 0.1% instead of 1.0% in Foam Bath
 - 1% instead of 10% in Reed Diffusers
 - 1% instead of 10% in EDT's
 - 0.05% instead of 0.5% in All Purpose Cleaner's
 - 0.03% instead of 0.3% in Washing Up Liquids





AUTOPOON 4019 by ZSCHIMMER & SCHWARZ

New Water-repellent

Autopoon 4019 is a state of the art raw material used to induce a temporary hydrophobic effect to surfaces. Hence, this product is an ideal choice for manufacturing water-repellents (rinse-aids) for car wash, and for cleaners with beading or drying effect.

To meet Z&S social and environmental responsibilities, they are striving to avoid harmful chemicals wherever feasible. Therefore **Autopoon 4019** was developed as a butyl glycol free alternative.

Z&S have developed prototype formulations with this ingredient; discover them by clicking on the formula code: **CT 04-05-15** Rinsing Agent for Automatic Car Washes and **CT 04-03-19** Car Shampoo with Water-Repellent Effect.

Properties:

- High performance (drying speed)
- Easy to process
- All components are readily biodegradable
- High concentrated (water-free)
- New: Free from butyl glycol



SURFACE TREATMENTS AND ADDITIVES by C. Q. MASSO

DAMLES DAO BHT (2,6-Di-tert-Butyl-4-Methylphenol)

BHT is an **antioxidant** commonly known and used in different industrial sectors such as food, cosmetics.

In-use information:

- The recommended dosage can vary between 0.1-1% depending on the application, its function, etc.

DAMLES ACI TT50S (Aqueous solution of the sodium salt of tolyltriazole).

ACI TT50S is a **corrosion inhibitor** for copper and copper alloys. It forms a physical barrier film on the surface of copper and provides galvanic protection against corrosion from other metals.

ACI TT50S can be used in most applications where tolyltriazole and benzotriazole are effective.

In-use information:

- **ACI TT50S** is incorporated into aqueous solutions at concentrations between 0.23% and 4.6%.
- When **ACI TT50S** replaces solid TTA or BTA it is recommended to use a factor of 2.3 times the amount of solid product.

DAMLES ACI TT100 (Tolyltriazole)

ACI TT100 is a **corrosion inhibitor** for copper and copper base alloys that forms a barrier film on the surface of copper, and precipitates copper from solution, providing galvanic corrosion protection for other metals.

In-use information:

- Incorporate it in liquids at concentrations between 0.1% and 2.0%.

DENATONIUM BENZOATE (Denatonium Benzoate 25% in Ethylene Glycol)

It is a bittering agent that prevents the accidental ingestion of different chemical products for personal use (such as shampoos, lotions), as well as for industrial or domestic use such as cleaners, detergents, insecticides, rodenticides, etc. Two versions available one based on ETHYL ALCOHOL (to denature alcohol) and another based on MEG, for the industrial sector.

In-use information:

- The minimum recommended doses are: (referred to as 100% denatonium benzoate):
Antifreeze 30 ppm
Detergents - cleaners from 35 to up to 70 ppm.
Paints and colors for children: 25 ppm