



ASPEREX UNIVERSAL CLEANER FORTE

TECHNICAL DATA SHEET

Professional special cleaner for hygiene-sensitive production and operational areas

Product Line	ASPEREX
Supplier	ERST GmbH

PRODUCT DESCRIPTION

ASPEREX Universal Cleaner Forte is a professional special cleaner for thorough cleaning of hygiene-sensitive surfaces in bakeries, food manufacturing and food processing facilities, as well as feed production facilities.

The product is used to remove organic residues, fats, oils, resins, waxes, deposits, production-related contamination and microbial surface contamination.

It forms the cleaning basis for subsequent care, protection and prevention measures within the ASPEREX system application.

ASPEREX Universal Cleaner Forte is designed to be gentle on materials, biodegradable, not hazardous to water, hypoallergenic and odour-neutral after application.

FUNCTION WITHIN THE ASPEREX SYSTEM

ASPEREX Universal Cleaner Forte is the cleaning component within the ASPEREX product range.

Thorough cleaning is a prerequisite for hygienically stable surfaces and for effective subsequent treatment with:

- ASPEREX Preventive Fluid Forte for large-area microbe-inhibiting surface treatment
- ASPEREX Preventive Gel Forte for critical moisture, edge, junction, detail and problem zones within the designated production areas

The specific subsequent treatment depends on the target area, substrate, contamination situation and the operational hygiene concept.

AREAS OF APPLICATION

ASPEREX Universal Cleaner Forte is intended for professional cleaning applications in:

- bakeries and bakery operations
- food manufacturing facilities
- food processing facilities
- feed production facilities
- hygiene-sensitive production and auxiliary areas
- fermentation, storage, refrigeration, washing and cleaning areas within the above-mentioned facilities
- suitable equipment, walls, ceilings and floors in the designated production and operational areas

A streak-free application on glass surfaces is not intended.

PRODUCT PROPERTIES

- professional special cleaner
- removes organic residues, fats, oils, resins and waxes
- supports the removal of microbial surface contamination
- suitable for equipment, walls, ceilings and floors in designated production areas
- can be used as a concentrate or diluted
- material-friendly cleaning
- suitable for regular cleaning cycles
- odour-neutral after application
- biodegradable
- not hazardous to water
- hypoallergenic
- ideal preparation for subsequent ASPEREX prevention systems
- developed and produced in Germany

TECHNICAL DATA

Property	Specification
Product name	ASPEREX Universal Cleaner Forte
Product type	Water-based special cleaner / emulsion
Physical state	Liquid
Appearance	Cloudy / beige-yellow / orange
Odour	Characteristic, no long-lasting odour
pH value	3.0–4.5
Viscosity at 25 °C	0.8–2.0 mPas
Water solubility	Fully miscible
Density	Water-based; exact value not specified
Flash point	Not applicable
Storage class	12 – non-combustible liquids
Water hazard classification	NWG – not hazardous to water according to AwSV
Transport	Not classified as dangerous goods under transport regulations
Shelf life	24 months in the unopened original container
Storage temperature	5 °C to 35 °C

COMPOSITION / INGREDIENT LOGIC

INCI declaration according to the Safety Data Sheet:

- Aqua
- Cocamidopropyl Betaine
- Chitosan
- Hydrolysed Keratin

The product logic is designed for material-friendly cleaning and the preparation of hygiene-sensitive surfaces within the ASPEREX system application.

CONSUMPTION

When applied using a spray bottle, the recommended dosage is approx. **2–3 spray strokes per 20 cm × 20 cm area**.

Based on a measured output of approx. **4 ml per 3 spray strokes**, this results in a calculated application quantity of approx. **50–75 spray strokes/m²**, corresponding to a guide consumption of approx. **70–100 ml/m²**.

Application is carried out using a wiping technique or a wipe-and-scrub technique, depending on the degree of contamination. Excess product or loosened residues must then be removed.

The actual consumption depends on the spray head, spray pattern, surface structure, substrate absorbency, degree of contamination and application technique.

SUBSTRATE AND PRELIMINARY TESTING

The substrate must be suitable for a water-based cleaning treatment.

Before large-area application, a test area must be prepared in an inconspicuous location.

The following should be checked in particular:

- material compatibility
- visual changes
- surface reaction
- adhesion of existing coatings
- suitability for subsequent ASPEREX treatments

Sensitive materials, coated surfaces and product-adjacent surfaces must be assessed on a case-by-case basis.

APPLICATION

Depending on the required cleaning intensity, ASPEREX Universal Cleaner Forte may be used as a concentrate or diluted 1:2 with water.

Manual Cleaning

- Remove coarse contamination and loose material beforehand using a dry brush or cloth.
- Apply ASPEREX Universal Cleaner Forte to the surface to be cleaned.
- Depending on the degree of contamination, allow to act for approx. 3 to 5 minutes.
- Clean the surface thoroughly using a rough cloth, brush or scouring wool in a wipe-and-scrub technique.
- Repeat the process in the case of stubborn contamination.
- Remove excess product or residual moisture using a dry cloth.

In the case of visible dark residues after cleaning black mould, this may be an optical discolouration and does not necessarily indicate remaining microbial contamination.

The assessment must be made on a case-by-case basis.

SUBSEQUENT SYSTEM TREATMENT

After cleaning, the following ASPEREX components may be used depending on the target area and contamination situation:

- ASPEREX Preventive Fluid Forte for large-area surface treatment, spray application or fogging
- ASPEREX Preventive Gel Forte for critical moisture, edge, junction, detail and problem zones within the designated production areas

The specific application must be determined according to the substrate, surface condition and operational hygiene requirements.

APPLICATION AND OCCUPATIONAL SAFETY NOTES

The information provided in the current Safety Data Sheet must be observed during application.

General Notes:

- avoid contact with eyes
- do not eat, drink or smoke during use
- ensure adequate ventilation
- wear suitable protective clothing
- wear tightly fitting safety goggles when decanting or transferring
- wear suitable protective gloves

In the event of an accident, feeling unwell, eye contact or ingestion, the instructions in the Safety Data Sheet must be followed.

CLP / LABELLING INFORMATION

Proposal for technical documentation, subject to final regulatory approval:

Based on the available data, the mixture is not classified as hazardous according to Regulation (EC) No. 1272/2008.

Signal word: none

Hazard statements: none

Precautionary statements: no CLP-mandatory precautionary statements required, unless assessed otherwise from a regulatory perspective

The current Safety Data Sheet shall take precedence.

STORAGE

- store in a cool, dry and well-ventilated place
- storage temperature: 5 °C to 35 °C
- protect from frost
- protect from direct sunlight and excessive heat
- keep container tightly closed
- shelf life in the unopened original container: **24 months**

PACKAGING

ASPEREX Universal Cleaner Forte is available as:

- 5,000 ml pouch canister
- 1,000 litre IBC

DISPOSAL

Product-specific disposal instructions will be added.

Until final supplementation, product residues, cleaning liquids and packaging must be disposed of in accordance with the applicable official regulations.

Observe the information provided in the current Safety Data Sheet.

NOTES

This Technical Data Sheet describes the intended technical application of the product.

It does not replace the Safety Data Sheet and does not release the user from the obligation to assess substrates, operational requirements, hygiene requirements and material compatibility on a case-by-case basis.

CONTACT

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