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Yeast Beast AgriPro

Yeast-powered cleaner concentrate for stables, milking parlours, dairy plants and farm machinery

Yeast Beast AgriPro is a bioactive, water-soluble intensive cleaner that dissolves manure film, biofilm, urine scale, greases and oils, and ensures their complete biological degradation. The product is based on innovative surfactants from natural raw materials and yeast cultures. Plant and animal compatible at working dilution, built for livestock housing, milking parlours, dairy plants and farm machinery.

Technical Data

Property	Value
Base	Yeast culture and surfactant system (concentrate)
Ingredients	Betaine, sodium carbonate, sodium citrate, sodium tripolyphosphate, yeast cultures
Physical state	liquid
Colour	brownish
Odour	characteristic
pH value (at 20 °C)	10.5 to 11.5 (concentrate)
Density	1.0 to 1.2 g/cm ³
Boiling point	97 to 100 °C
VOC content	< 0.1 %
Biodegradability	100 % (OECD 301B)
Water hazard class	WGK 1
Dangerous goods	not classified as dangerous goods
Working temperature	+20 °C to +60 °C, optimum at +40 °C
Working dilution	1:1 to 1:60
Available sizes	5 L, 20 L, 200 L, 1,000 L IBC

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Product features

Built for agricultural duty: stables, milking parlours, dairy plants and farm machinery. Breaks down manure film, biofilm, urine scale and crop residue. 100 % biodegradable per OECD 301B. Plant and animal compatible at working dilution (1:20 and weaker, fully rinsed). Non-flammable, chlorine-free. Compatible with EPDM, nitrile and most modern milking-system rubber. Suitable for high-pressure cleaning.

Areas of application

Stables and barns: cow, pig and poultry housing. Removes manure film, urine scale and biofilm from floors, walls and pens.

Milking parlours: milking stands, holding areas, parlour walls. Compatible with most rubber and stainless steel components.

Dairy plants: non-product-contact surfaces in dairy operations. Floors, exteriors, drains, ceiling and wall surfaces.

Agricultural machinery: tractors, harvesters, slurry tankers, mixer wagons. Cuts diesel soot, grease, mud and crop residue.

Feed and silo cleaning: feed-mill floors, silo exteriors, augers, conveyors. Biodegradable, safe in residual quantities.

Greenhouse and nursery: greenhouse floors, growing tables, gutters. Plant-compatible at working dilutions.

Application

The concentrate is mixed with fresh water at the desired dilution ratio (see dosage guide). For best results, lightly pre-wet the surface, then spray on the diluted solution and gently work it in with a brush or low-pressure spray. Allow to act for 5 to 30 minutes depending on soiling, then rinse with water or high-pressure spray. For livestock areas, keep concentrate and freshly cleaned surfaces away from animals until rinsed and dried. The spent cleaning solution is discharged per local agricultural waste-water regulations.

IMPORTANT

Undiluted concentrate (pH 10.5 to 11.5) may attack amphoteric light metals such as aluminium and zinc. Above pH 8.5 these metals start to react. For milking liners and direct milk-contact surfaces, use only the dairy-approved sanitisation protocol of your equipment supplier; AgriPro is intended for exterior, floor and structural cleaning. Avoid extended contact (over 30 minutes) with natural rubber components.

Dosage guide

Heavy (1:1 to 1:10): mineralised urine scale, heavy manure deposits, machinery degreasing. Apply at 40 to 60 °C, dwell 15 to 30 minutes.

Standard (1:10 to 1:20): stable floors, slurry tanker exteriors, mixer wagons after operation.

Medium (1:20 to 1:40): routine stable cleaning, milking parlour exteriors, dairy plant floors.

Light (1:30 to 1:60): greenhouse cleaning, light maintenance, feed-mill exteriors.

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Material compatibility

Compatible: carbon steel, stainless steel, concrete, sealed coatings, EPDM and nitrile rubber components.

Not compatible: aluminium, zinc and other amphoteric light metals at concentration. At working dilution (1:10 and weaker), they are safe in practice.

Always spot-test: proprietary linings, natural-rubber components, polished or unknown surfaces. Avoid extended contact with natural rubber.

Storage, shelf life and logistics

Storage temperature +5 °C to +40 °C. Store protected from direct sunlight and frost in original containers, tightly closed. Below +5 °C the active matrix may lose efficacy and only partially recover after thawing. Shelf life 24 months from date of production when stored as specified.

Available in 5 L, 20 L, 200 L and 1,000 L IBC. Pallet quantities of 5 L and 20 L available for agricultural distributors. From our warehouse in Bexbach, Germany: 2 to 5 working days within the EU by road freight. Global sea freight 14 to 28 days FOB Hamburg.

The information in this data sheet describes the properties of the product and serves as a guideline for its application. It is based on laboratory tests and practical experience. As local conditions may vary, we recommend always verifying the suitability of the product through a preliminary test. The information and instructions in the Safety Data Sheet must be observed in all cases.