

SANOXY



CONCENTRATED SANITIZER & BROAD-SPECTRUM DISINFECTANT

PRODUCT OVERVIEW

SANOXY is a powerful oxidizing disinfectant formulated with Peracetic Acid and Hydrogen Peroxide, providing rapid and effective disinfection against a wide range of microorganisms.

It is designed as a real alternative to traditional disinfectants, offering very fast action, excellent material compatibility, and environmental safety.

SANOXY is ideal for use in agriculture, food processing, water treatment, and livestock biosecurity programs.

KILLS MICROBES IN SECONDS

FEATURES & BENEFITS

- **Fast Action:** Destroys microorganisms within seconds – ideal for quick disinfection processes.
- **Broad-Spectrum Activity:** Highly effective against bacteria, fungi, yeasts, spores, and viruses.
- **Environmentally Friendly:** SANOXY decomposes naturally into water (H₂O), carbon dioxide (CO₂), and oxygen (O₂) – leaving no harmful residues.
- **Versatile Applications:** Suitable for spraying, fogging, boot dips, wheel baths, and equipment sanitization.
- **Safe Alternative:** Free from chlorine, aldehydes, and quaternary ammonium compounds.



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SANOXY



PRODUCT DETAILS

Composition

- Hydrogen Peroxide (H₂O₂): 26.5%
- Peracetic Acid (CH₃CO₃H): 4.9%
- Acetic Acid and Stabilizers: Balance

Form: Liquid Concentrate

Appearance: Clear to slightly yellow liquid

Odor: Characteristic pungent (acetic acid)

pH (concentrate): < 1

Solubility: Fully miscible in water

Biodegradability: Completely biodegradable

Packaging: 5 Kg, 20 Kg HDPE containers

MICROBIOLOGICAL EFFICACY

SANOXY has demonstrated high-level antimicrobial activity against bacteria, fungi, and viruses even in the presence of organic matter

Bactericidal Efficacy

Test Organism

	Dilution
Staphylococcus aureus (ATCC 6538)	1:256
Salmonella choleraesuis (ATCC 10708)	1:256
Listeria monocytogenes (ATCC 15313)	1:512
Mycoplasma gallinarum (ATCC 19708)	1:512
Salmonella Enteritidis (ATCC 13076)	1:512
Pseudomonas aeruginosa (ATCC 15442)	1:200
Escherichia coli O157:H7	1:427

Fungicidal Efficacy

Fungal Species

	Dilution
Aspergillus fumigatus (ATCC 36607)	1:128

Virucidal Efficacy

Virus

	Dilution
IBDV, D78 strain	1:384
NDV, Spafas 539016	1:384
Avian Reovirus 2408	1:384
Marek's Disease Virus (Spafas strain)	1:384

REGULATORY & ENVIRONMENTAL INFORMATION

- Biocidal disinfectant compliant with international standards for livestock premises and food industries.
- Biodegradable formulation – decomposes into H₂O, CO₂, and O₂.
- Approved for use in organic farming.

SAFETY INFORMATION

For industrial use only.

Operator Safety:

Always wear gloves, protective eyewear, and a mask during handling and application.

Avoid contact with skin and eyes; use appropriate personal protective equipment (PPE).

Refer to the Safety Data Sheet (SDS) for detailed safety and handling instructions.

First Aid Measures:

- Skin Contact: Wash immediately with plenty of water for 15 minutes.
- Eye Contact: Rinse cautiously with water for at least 15 minutes; seek medical advice.
- Inhalation: Move to fresh air and seek medical attention if irritation occurs.
- Ingestion: Rinse mouth; do not induce vomiting. Contact a physician immediately.

STORAGE AND DISPOSAL

Storage:

Store in a well-ventilated area at temperatures between 5°C and 30°C away from direct sunlight and incompatible materials. Keep out of reach of children and unauthorized personnel.

Disposal:

Dispose of used containers and residues in accordance with local regulations.

VERSATILE DISINFECTANT



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DIRECTIONS FOR USE

Application Area	Dilution / Concentration	Usage Instructions	Contact Time / Remarks
General Surface Disinfection / Premises / Animal Houses	(1:200) for general disinfection (1:128) for fungal control	Apply by spray to floors, walls, ceilings, and fixtures after cleaning until uniformly wet.	Leave for 10–15 min , then allow to dry naturally. Rinse only if used on food-contact surfaces.
Boot & Wheel Dips	1–2 % (10–20 mL / L water)	Fill footbaths or wheel baths to a depth of at least 5 cm. Replace the solution daily or when visibly soiled.	Maintain continuous availability during working hours.
Fogging / Aerial Disinfection	1 part SANOXY : 8 parts water	Use a thermal or cold fogger. Seal all doors and windows during application.	Allow exposure for 1–2 h ; ventilate thoroughly before re-entry.
Water Systems (Lines, Tanks, Drinkers)	0.78% solution (1:128)	Fill and circulate solution through the system. Leave for 1–2 h before flushing with clean water.	Use between flocks or production cycles.
Cluster Dipping & Dairy Equipment	30 mL per 19 L water (1:640)	Dip clusters or soak detachable parts after each milking session. Rinse thoroughly with potable water before reuse.	Ensures hygienic milking equipment.
Vehicle, Tools & Equipment Disinfection	0.5–1 % (5–10 mL / L water)	Apply by spray or foam to all external and internal vehicle surfaces and equipment.	Minimum 10 min contact; rinse if necessary.



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