



PEROXYSAN X-PLUS

PERACETIC ACID

Technical Data Sheet

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INTRODUCTION

PeroxySan X-Plus is for use in circulation cleaning and institutional/industrial sanitizing of pre-cleaned hard non-porous food contact surfaces and equipment such as tanks, pipelines, evaporators, fillers, pasteurizer and aseptic equipment.

APPLICATIONS

The main areas of use of PeroxySan X-Plus include:

- Dairies, wineries, breweries and beverage plants
- Meat and meat products processing/packing plants
- Milk and dairy processing/packing plants
- Egg processing/packing plants
- Seafood and poultry processing/packing plants
- Vegetable processing plants
- Eating establishments

AVAILABILITY

PeroxySan X-Plus is sold at a concentration of 5% peracetic acid and is available in bulk truck, tote, drum, and pail quantities. For more information, or to place an order, please contact Xgenex at (929) 375-9150 or email alex@xgenex.com.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, colorless liquid
Odor:	Pungent
Freezing point:	-17.5 to -20.7 F (-27.5 to -29.3 °C)
Specific gravity:	1.10
Solubility:	Soluble in water in all proportions Soluble in polar organic solvents Slightly soluble in aromatic solvents

MATERIAL COMPOSITION

Components	Formula	CAS No.	Percent
Peroxyacetic Acid	CH ₃ COOOH	79-21-0	5 - 5.4
Hydrogen Peroxide	H ₂ O ₂	7722-84-1	20 - 24
Acetic Acid	CH ₃ COOH	64-19-7	10 - 12
Water	H ₂ O	7732-18-5	Balance

STORAGE AND HANDLING

Store PeroxySan X-Plus in the original vented container, upright, in a cool, ventilated area where it is protected from damage, or in bulk storage tanks made from approved alloys of stainless steel.

Do not store other chemicals, fuels, or combustible materials near hydrogen peroxide.

Never return unused PeroxySan X-Plus to the storage container.
When empty, rinse all containers thoroughly with clean water before discarding.

Xgenex Labs, LLC

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Use only approved materials for pumps, piping, and hoses.

SAFETY

Persons working with PeroxySan X-Plus should be familiar with personal protective equipment, first aid measures and the proper safety and handling procedures. Consult the Safety Data Sheet (SDS) for appropriate information, available from Xgenex.

Prevent accidental decomposition by keeping the product free of contaminants.

Prevent fires by avoiding accidental spills. Water is the preferred method for extinguishing fires in which PeroxySan X-Plus peroxide is present.

Spills and leaks should be contained, diluted with copious amounts of water and disposed of in compliance with local regulations.

PeroxySan X-Plus storage or handling areas should be equipped with a safety shower, an eyewash station, and a water hose.

FIRST AID

General Recommendations:

Personal protective equipment for rescuers (see SDS).

In case of product splashing into eyes and face, treat eyes first.

Submerge soiled clothing in water.

Do not dry soiled clothing near an open flame or incandescent heat source.

Contact a physician in all cases.

Inhalation:

Remove the subject from the contaminated areas as soon as possible.

Transport him/her lying down, with the head higher than the body, to an uncontaminated, well-ventilated location.

Consult with a physician immediately in all cases.

Eye contact:

Flush eyes as soon as possible with running water for 15 minutes, while keeping eyelids open.

In the case of difficulty of opening the lids, administer analgesic eyewash (e.g. oxybuprocaine).

Consult with an ophthalmologist immediately in all cases.

Skin contact:

Remove contaminated shoes, socks and clothing under the shower if necessary; wash affected skin with running water.

Keep warm (blanket), provide clean clothing.

Consult with a physician in all cases.

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Ingestion:

Consult with a physician immediately in all cases.
Take to hospital.

If the subject is completely conscious:
Rinse mouth and administer fresh water.
Do not induce vomiting.

If the subject is unconscious:
Loosen collar and tight clothing, lay victim on his/her left side.
Oxygen or cardiopulmonary resuscitation, if necessary.
Keep warm (blanket).

NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

Medical treatment**General Recommendations:****Eye contact:**

Consult with an ophthalmologist.

Skin contact:

Usual treatment for burns.

Ingestion:

Oxygen therapy via intra-tracheal intubation

If necessary, tracheotomy

Placement of gastric catheter to release stomach gases.

Avoid gastric lavage (risk of perforation)

In cases of intense pain: inject an I.M. morphomimetic analgesic drug (e.g. Piritramide) before taking to hospital.

Prevention or treatment of shock and pulmonary edema.

Urgent digestive endoscope with aspiration of the product.

Treatment of gastrointestinal tract burns and resulting effects.

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Before using, read Safety Data Sheet (SDS) for this chemical.

**Xgenex Labs, LLC.
24-hour Emergency Phone Number – 800-424-9300 (CHEMTREC®)**

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