



# PERACETIC ACID PEROXYSAN X15 Technical Data Sheet

## PEROXYSAN X15 PERACETIC ACID

### INTRODUCTION

PeroxySan X15 peracetic acid is an environmentally friendly cleaning agent, oxidizer, and antimicrobial containing a stabilized solution of 15% peracetic acid and 23% hydrogen peroxide in water.

### APPLICATIONS

PeroxySan X15 is suitable for a wide range of EPA registered pesticide applications (wastewater disinfection and treatment of fruit and vegetable surfaces) and non-registered applications (surface cleaning, odor suppression, water clarification, and chemical bleaching). For a full list of approved registered applications and dosages, the PeroxySan X15 EPA label is available upon request.

Some potential applications of this product are regulated or restricted by national or international standards (e.g. food or feed additives, water disinfection, cosmetic or the pharmaceutical industry, etc.). The buyer and eventual user, in his sole and entire liability, shall respect those standards, orders of any relevant authority, and all existing patents and intellectual property rights; and shall comply with the laws and the regulations applicable to our products and/or to his activity. The buyer and the eventual user must determine the suitability of this product for any particular purpose and its manner of use.

### AVAILABILITY

PeroxySan X15 is available in 300-gallon tote, 55-gallon drum, and 5-gallon pail quantities. For more information, or to place an order, please contact Xgenex at (929) 375-9150 or [alex@xgenex.com](mailto:alex@xgenex.com)

### PHYSICAL AND CHEMICAL PROPERTIES

|                          |                                     |
|--------------------------|-------------------------------------|
| <b>Appearance:</b>       | Clear, colorless liquid             |
| <b>Odor:</b>             | Pungent                             |
| <b>Freezing point:</b>   | -22 to -58 °F (-30 to -50 °C)       |
| <b>Specific gravity:</b> | 1.15                                |
| <b>Solubility:</b>       | Soluble in water in all proportions |

### TYPICAL ANALYSIS

| Components        | Formula                       | CAS No.   | Percent   |
|-------------------|-------------------------------|-----------|-----------|
| Peracetic Acid    | CH <sub>3</sub> COOOH         | 79-21-0   | 15 – 16.5 |
| Hydrogen Peroxide | H <sub>2</sub> O <sub>2</sub> | 7722-84-1 | 21 - 24   |

### STORAGE AND HANDLING

Store PeroxySan X15 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 X15 to the storage container.

When empty, rinse all containers thoroughly with clean water before discarding.

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

### SAFETY

#### Xgenex Labs, LLC

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1-484-3567283  
[www.xgenex.com](http://www.xgenex.com)





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Persons working with PeroxySan X15 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 X15 peroxide is present.

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

PeroxySan X15 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.

### Ingestion:

Consult with a physician immediately in all cases.

Take to hospital.

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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.

**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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