

Peracetic Acid

OXYSTRONG® 5

OXYSTRONG® 5 is a solution containing peracetic acid, hydrogen peroxide and acetic acid. It is a highly effective biocide, used in a wide range of applications for the disinfection of equipment, surfaces or fluids.

Some applications of this product may be regulated or restricted by national or international standards (e.g. for food or feed additives, water treatment, the cosmetic or the pharmaceutical industry, etc). The buyer and the 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 independently determine the suitability of this product for any particular purpose and its manner of use.

Food Hygiene Statement

If this product is to be used in food hygiene applications: Please note that although every effort has been taken to ensure that there is no physical and chemical contaminations present that disqualifies the product for Food Hygiene applications this can not guaranteed so the appropriate precautions should be applied. The proper disinfection activity is only guaranteed with proper use of the product, please read the instructions for use of the manufacturer carefully. If the product is stored in a manner appropriate for Oxidising/Organic Peroxide chemicals no additional precautions are required for food hygiene applications.

For detailed information on the applications of peracetic acid, please contact your local Solvay office, or visit our website www.solvaypaa.com

European Standard Sales Specification

Characteristics of the product

Content	Unit	Value	Methods of Analysis
Peracetic Acid	Weight %	4.4 - 4.8	PAA-101/0-N
Hydrogen Peroxide	Weight %	25.5 - 28.5	PAA-102/0-N
Appearance		Clear Liquid	Visual Inspection

Packaging

OXYSTRONG® 5 can be delivered in IBC's or drums.

Please consult SOLVAY for any further information relating to the product or options for supply.

Identification

Components	Peracetic Acid	Hydrogen Peroxide	Acetic Acid
Chemical Formula	CH ₃ COOOH	H ₂ O ₂	CH ₃ COOH
CAS number	79-21-0	7722-84-1	64-19-7
EC (EINECS) number	201-186-8	231-765-0	200-580-7

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SOLVAY
CHEMICALS INTERNATIONAL

Physico-chemical properties

OXYSTRONG® 5 is an aqueous solution of peracetic acid, hydrogen peroxide and acetic acid. It's a clear, colourless liquid, with a pungent odour, miscible with water in all proportions

Characteristic	Unit	Value
Specific Gravity		1.1
Freezing point	°C	-30
Available Oxygen	Weight %	~13.0
Flash Point		Not Applicable

Storage

OXYSTRONG® 5 should be stored in properly designed bulk storage tanks made from approved materials. Packed OXYSTRONG® 5 should be stored in the original vented container, upright, in a cool, ventilated area where the containers are protected from damage. Use only approved materials for pumps, piping and hoses.

OXYSTRONG® 5 has very specific requirements regarding handling and storage precautions. Contact your supplier to obtain more detailed information.

Safety

Personnel working with OXYSTRONG® 5 should be familiar with safety and handling procedures and should always wear goggles or face shield and rubber gloves. When working with large quantities, chemical suit and rubber boots shall be worn as well.

OXYSTRONG® 5 is a corrosive solution that can cause burns.
In case of contact with skin or eyes, always rinse with plenty of water and consult a doctor.

Detailed safety information is available in the MSDS (material safety data sheet).

Transport

UN Code	3149
ADR/RID Class	5.1
Packing group	II
Hazard label	5.1 + 8
Danger code	58
Placard	58/3149

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