



PERACETIC ACID

5%

Product Data Sheet

Introduction

Peracetic acid 5% (PAA-5) is a solution containing Peracetic acid, hydrogen Peroxide and acetic acid. Other Synonyms are Peroxyethanoic acid, PAA, Peracetic acid.

Applications

It is a highly effective biocide, used in a wide range of applications for the disinfection of equipments, surfaces or fluids.

Availability

PAA-5 is available in packed carboys in quantities of 30 kgs net weight from National Peroxide Limited, Kalyan plant or our distributors.

For more information, or to place an order, please contact National Peroxide Limited, Kalyan +91 251 3255648 or visit our website.

Specification

Content	Unit	Specification	Method of Analysis
Appearance		Clear Colourless liquid	Visual Inspection
Peracetic Acid	% w/w	5.0 - 8.0	QAM – FP – 29
Hydrogen Peroxide	% w/w	20.0 – 23.0	QAM – FP – 29

Identification

Constituents	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



Physical Properties

PAA-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.

Parameters	Units	Value
Density @20 °C		1.10
Freezing point	°C	<-20
Available Oxygen	% w/w	~ 11.5
Flash point	°C	N/A

Storage

Packed PAA-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.

Safety

Safety and handling procedures should be followed during working with PAA-5. Goggles or face shield and hand rubber gloves should be worn while handling PAA-5.

PAA-5 is a corrosive solution and can cause burns when in contact.

In case of contact with skin or eyes, always rinse with plenty of water and consult a doctor

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

Transport

UN Code	3149
Packing group	II
Hazard Label	5.1 + 8

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