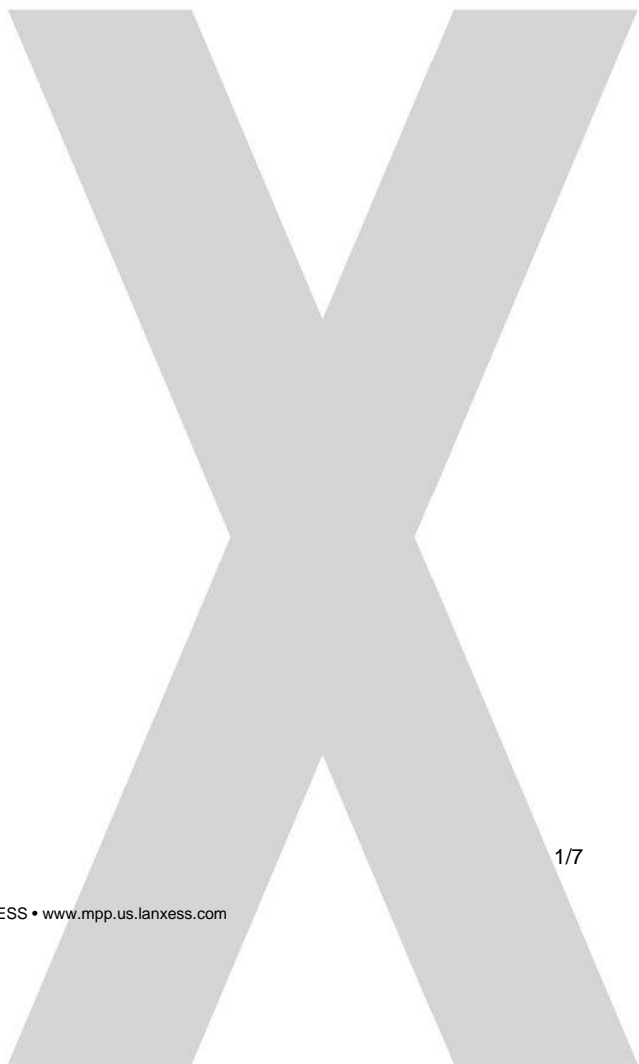


Product Information

Preventol® ON Extra Preservative

Sodium o-phenylphenate



Preventol® ON Extra Preservative

EPA Registration No.39967-24

Uses

For the control of fungi and bacteria in industrial applications.

Chemical and physical data

Active ingredient:	71.7 % sodium o-phenyphenate
Product description:	Solid flakes

Specification

The specification parameters can be found in the currently valid product specification.

Characteristic data*

Density (68 °F / 20 °C):	1.30 g/cm ³
Bulk density (flakes):	approx. 400 - 450 kg/m ³
pH:	11.1 - 11.8 (2 % in water)
Solubility:	slightly soluble in water

*These items are provided as general information only. They are approximate values and are not considered to be part of the product specifications.

Storage

Preventol® ON Extra Preservative should be stored in the original sealed containers.

If stored properly, Preventol® ON Extra Preservative has a shelf life of at least 24 months. If exposed to air, light, moisture or heat, product may discolor (turning a slight red color). Discoloration of the material does not affect the efficacy of the biocide.

Preventol® ON Extra Preservative

Application

Preventol® ON Extra Preservative have a broad spectrum of activity with efficacy against bacteria and fungi. Preventol® ON Extra Preservative has excellent thermal stability. Preventol® ON Extra Preservative can be incorporated into solid products such as print thickeners and powdered glues. An even distribution of the active ingredient in the finished product, which is necessary to guarantee a reliable effect, can be achieved by mixing and grinding the product.

Material Compatibility

Preventol® ON Extra Preservative is compatible with:

Metals:

304,304N,304L,316,316 L European Steel No. 1.4408, 321 and 316Ti.

Plastics:

PF,PP, EPDM, Teflon (PTFE) and GFK (e.g. Atlac 382, Atlac 580, Atlac and Derakane 470

As with any product, use of the products mentioned in this publication in a given application must be tested (including field testing, etc.) by the user in advance to determine suitability.

Preventol® ON Extra Preservative

Directions for use

It is a violation of Federal law to use this product in a manner inconsistent with its labelling.
For detailed dosage instructions see Preventol® ON Extra Preservative Label.

Industrial Applications

Application	Dosage Level (ppm)**
Adhesives Bone Glues Skin Glues Fish Glues Leather Glues Casein-Containing Adhesives Other Animal Glues Starch-Based Glues (Liquid) Starch-Based Glues (Solid) Dextrin-Based Adhesives Other Plant-based Adhesives Cellulose Adhesives Polyvinyl Acetate Adhesives Acrylic Adhesives Styrene Butadiene Adhesives Gumarabic and Similar Adhesives Other Adhesive Emulsions	3,000 - 6,000 3,000 - 6,000 3,000 - 6,000 3,000 - 6,000 5,000 - 9,000 3,000 - 9,000 3,000 - 6,000 6,000 - 30,000 3,000 - 6,000 3,000 - 6,000 3,000 - 6,000 2,000 - 6,000 2,000 - 6,000 2,000 - 6,000 3,000 - 6,000 2,000 - 6,000
Building Industry Joint Cement Concrete Additives Other materials and auxiliaries	2,000 - 6,000 2,000 - 10,000 2,000 - 10,000
Metalworking Fluids (Not for Use in State of California) Metalworking Fluids - Mineral Oil Based Metalworking Fluids (concentrates) Metalworking Fluids (ready to use) Fuel oils Hydraulic oils Metalworking Fluids - Non - Mineral Based Metalworking Fluids (concentrates) Metalworking fluids (ready for use)	25,000 - 100,000 2,000 - 8,000 300 - 2,300 800 - 4,000 25,000 - 100,000 2,000 - 8,000

Preventol® ON Extra Preservative

Application	Dosage Level (ppm)**
Stains and Paints (Not for Use in State of California) Latex Based Systems Casein Systems Oil-Containing Systems Alkyd Resin-Based Systems Synthetic Resin Dispersions	2,500 - 4,000 3,000 - 6,000 4,000 - 8,000 4,000 - 8,000 1,500 - 4,000
Dyes, Pigments, and Filler Suspensions (Not for Use in State of California)	300 - 1,500
Polymer Dispersion and Emulsions (Not for Use in State of California)	1,500 - 4,500
Textiles Printing thickener (Liquid) Printing thickener (Solid) Sizes and finishing agents Spinning preparation Yam humidifiers Other materials and auxiliaries	3,000 - 6,000 20,000 - 40,000 2,000 - 6,000 2,000 - 3,000 2,000 - 6,000 2,000 - 6,000
Leather (Not for Use in State of California) Pickle Solution and Pickle Hides Chrome leather (calculated on pelt weight) Leather Pasting adhesives Leather Pigment adhesives	2,500 - 4,000 1,500 - 4,000 800 - 1,500 3,000 - 6,000
Paper Industry Filler Suspensions and Coating Compounds Rosin Paper sizes Starch Slurries Other Materials and auxiliaries Paper Slurries	2,000 - 6,000 3,000 - 6,000 3,000 - 6,000 2,000 - 6,000 2,000 - 6,000
Temporary Sapstain Control for Fresh Cut Lumber and Other Lumber (Not for Use in State of California) Fresh Cut Lumber Fruit and Vegetable Containers Pallets Construction Woods	15,000 - 60,000 15,000 - 45,000 15,000 - 45,000 15,000 - 60,000
Oil Industry Biopolymers, solid (Starch xanthan, galactiomannan etc.) Biopolymers, liquid Drilling Muds Other materials and auxiliaries	8,000 - 40,000 2,500 - 6,000 2,500 - 6,000

Preventol® ON Extra Preservative

Application	Dosage Level (ppm)**
Chemical Toilets	312.5 - 468.75
Polishing and wax materials	3,000 - 6,000
Protein solutions (Not for Use in the State of California)	5,000 - 8,000
Ceramic glazes	3,000 - 6,000
Biopolymers (e.g. xanthan) (Not for use in the State of California)	800 - 3,800
Photographic Solutions (Not for use in the State of California)	2,000 - 4,000
Tints	2,000 - 4,000
Wax Emulsion	2,000 - 6,000
Plasters	1,500 - 6,000
Caulking Materials (Not for use in the State of California)	1,500 - 4,000
Rubber Systems (Not for use in the State of California)	3,000 - 8,000

**For detailed dosage instructions see Preventol® ON Extra Preservative Label.

Registration / Approval / Recommendation***

EPA Registration No.39967-24

Up to date information on the registration status of our products can be obtained from:

LANXESS Corporation
Business Unit Material Protection Products
Regulatory Affairs
111 RIDC Park West Drive
Pittsburgh, PA 15275-1112

*****Regulatory Compliance Information:** Some of the end uses of the products described in this bulletin must comply with applicable regulations, such as the FDA, NSF, USDA, and CPSC. If you have any questions on the regulatory status of these products, contact your LANXESS Corporation representative or the LANXESS Regulatory Affairs Manager in Pittsburgh, PA

Preventol® ON Extra Preservative

Health & Safety Information

Appropriate literature has been assembled which provides information concerning the health and safety precautions that must be observed when handling the LANXESS products mentioned in this publication. For materials mentioned which are not LANXESS products, appropriate industrial hygiene and other safety precautions recommended by their manufacturers should be followed. Before working with any of these products, you must read and become familiar with the available information on their hazards, proper use, and handling. This cannot be overemphasized. Information is available in several forms, e.g., *material safety data sheets and product labels*. Consult your LANXESS Corporation representative or contact the LANXESS Product Safety and Regulatory Affairs Department in Pittsburgh, PA.

Precautions

Preventol® ON Extra Preservative is supplied as a solid product which must be prevented from coming into contact with the skin. Care should be taken to prevent the dust being inhaled. When handling . Preventol® ON Extra Preservative general recommendations for handling any chemicals should be observed, e.g. wearing of protective clothing, safety goggles and protective gloves. Skin contact and inhalation of vapors should be avoided. If the product comes into contact with the body, the affected area should be washed immediately with large amounts of soap and water (e.g. product that has been splashed in the eyes should be rinsed out immediately with plenty of water). If irritation persists, the affected individual should obtain medical attention. Contaminated clothing should be removed and properly cleaned or disposed.

The current safety data sheet should be observed. This contains further information on labelling, transport and storage as well as information on handling, product safety, toxicity and ecology.

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The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations are beyond our control. Therefore, it is imperative that you test our products, technical assistance and information to determine to your own satisfaction whether they are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by us. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with patents covering any material or its use. No license is implied or in fact granted under the claims of any patent.

Note: The information contained in this bulletin is current as of the edition date. Please contact LANXESS Corporation to determine if this publication has been revised.

Preventol® is a registered trademark of LANXESS Corporation

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This document contains important information and must be read in its entirety.
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