



PREVEST DENPRO LIMITED

Reg. Office : 38, Industrial Estate, Digiana, Jammu-180010, India
Unit II, EPIP, Bari Brahmana, Jammu-181133, India
Phones : +91 1923 222774, 222779, Fax : 222779
Web : www.prevestdenpro.com, E-mail : info@prevestdenpro.com

MATERIAL SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Actino Gel

INTENDED USE: Gel for etching dentine and tooth enamel

Company Name: Prevest Denpro Limited

Address: 38, Industrial Estate, Digiana, Jammu-180010 (India)

Tel: + 91-191-2430442

Fax No. +91-191-2430442

Email: info@prevestdenpro.com

Web: www.prevestdenpro.com

Emergency Contact No:- +91-191-2432548

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characteristics: Phosphoric acid.
Description: 37% phosphoric acid dispensed in a polymer thickened gel.
Hazardous components:

Item	%	CAS #	Exposure Limit mg/m3	
			OSHA PEL	ACGIH TLV
Phosphoric Acid (H3 PO4)	37%	766-4-38-2	1	1
Silicon Dioxide	□ 5%	11138-66-2	N/E	N/E
Water (H2 O)		7732-18-5	N/E	N/E

SECTION 3: HAZARDS IDENTIFICATION

Hazardous Components: Phosphoric Acid.
Avoid eye contact.
Avoid ingestion/inhalation.
Avoid contact with skin, mucous membrane and oral mucosa.

SECTION 4: FIRST AID MEASURES



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General information : Unknown.

After skin contact : Rinse with copious amounts of water and dry with paper towel. Consult a physician if irritation occurs.

After eye contact : Flush 15 minutes with copious amounts of water. Consult an ophthalmologist. Rinse/flush with alkaline/saline solution under physician care.

After swallowing: Consult a physician immediately. Rinse oral cavity with water and exude or expectorate. Induce vomiting. Seek fresh air.

Prolonged contact: Eyes, corneal abrasions, skin-oral mucosa - sensitivity, burning sensation, lesions, inflammation and ulcerations.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing media : Carbon dioxide, dry chemical powder or appropriate foam.

Protective equipment : Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions : Protective gloves, goggles and others are recommended.

Environmental precautions : None known.

Methods for cleaning up : Collect by mechanical means after binding with absorbing material (saw dust, sand, vermiculite, soda ash, etc.) and dispose appropriately. Remove residues with paper towel.

Additional information : Unknown.

SECTION 7: HANDLING AND STORAGE

Handling : Practice good hygienic measures.

Handling procedures : Avoid skin, mucous membrane, oral mucosa and gingival (gum tissue) contact. Avoid eye contact and ingestion.

Storage : Store at ambient temperature.

Requirements at storerooms and containers : Avoid moisture, oxidants, acids, alkalies, salt, metals, amines, and peroxide catalysts; cap after usage. Material will desiccate and partially harden if maintained in contact with air - uncapped.

Storage classification : Not applicable.

VBF- classification : Not applicable.

Ventilation : Yes.

Local Exhaust : Yes.

Isolation : Goggles, gloves, intraoral rubber dam recommended. Use fresh disposable needles or brush tips for dispensing/application with each patient. Avoid cross contamination.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION



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Additional information : Personal protective equipment: Wear protective clothing, lab coat, goggles, face mask (inorganic) and gloves.
General measure of protection and hygiene : Normal hygienic measures.
Respiration : Unknown.
Hands : Protective gloves.
Eyes : OSHA approved goggles.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Form: Gel.
Color: Blue.
Odor: None.
Information on change in the physical state
Melting point/melting range : Not applicable.
Boiling point/boiling range : Not applicable.
Flash point : Not applicable.
Autoignition temperature : Unknown.
Danger of explosion : Unlikely.
Density : 1-1gm/cm³
Vapor pressure : Not applicable.
Viscosity : Not applicable.
pH : 1.0
Solubility in/miscibility with : None.
Water : Dissolve with water.
Content of solvents : ³60%
Organic solvents : None.
Water : ³60%.
Content of solids : ³2%.

SECTION 10: STABILITY AND REACTIVITY

· **Incompatibility with other substances** : Strong bases, finely powdered metals.
Hazardous decomposition products : Thermal decomposition may produce toxic fumes.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity : May be harmful if absorbed through the skin or swallowed.
Material is destructive to the mucous membranes, upper respiratory tract, eyes and skin.
TLV : Unknown.
Primary routes of entry : Inhalation, skin, and eyes.



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SECTION 12: ECOLOGICAL INFORMATION

General information : Data not available.
Classification of water endangerment : Unknown.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal consideration: Contact a licensed waste disposal service.

SECTION 14: TRANSPORT INFORMATION

Classified as non dangerous goods.

SECTION 15: REGULATORY INFORMATION

Classification according to EEC guidelines: Unknown.
National Prescriptions: Unknown.
Classification according to VbF: Unknown.

SECTION 16: OTHER INFORMATION

The information and recommendations set forth herein (hereinafter "information") are presented in good faith and believed to be correct as of the date hereof. Prevest however, makes no representations as to the completeness or accuracy of this information and supplies it on the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will Prevest Denpro be responsible for damages of any nature whatsoever resulting from the use of or reliance upon information.

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