PSP DENTAL COMPANY LIMITED

SAFETY DATA SHEET

According to 1907/2006EC Article31

Date of Preparation: 06/2015 **Revision: 06/2015**

Section 1 – Identification of substance /Preparation of Company

Product/: Details **: Phosphoric Acid Etchant**

Trade Name **: Acid Etching Gel**

Manufacturer / Supplier:

PSP DENTAL COMPANY LIMITED
3-5 Dylan Road
Belvedere
Kent. DA17 5QS
UK
Emergency Telephone Number: +44(0)20- 8311-7337

Emergency Fax Number : +44(0)20- 8310-0920

Section 2 - Hazards Identification

Hazard description:
Classification of the substance or mixture

This product regulated as a medical device or an in vitro diagnostic medical device.

Additional information: The information provided is in regards to the toxicity and hazard rating(s) of the individual component(s) in the formulation. The associated risk(s) depends on the route(s) of exposure. The hazard rating system is based entirely on the existence of the risk(s) and does not take into account the likelihood of reduced risk(s) through proper usage and handling.

Risk Phrases:
R36: Irritating to eyes.
R37: Irritating to respiratory system
R38: Irritating to skin.

Safety Phrases:
S25: Avoid contact with eyes.
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28: After contact with skin, wash immediately with water and soap.

Hazard pictogram(s) and Hazard statement(s)

GHS 07 Skin and Eye irritation
Skin sensitisation

GHS 05 Skin Corrosion

H315 Causes skin irritation.
H319 Causes eye irritation.

Precautionary statements:
P234 - Keep only in original container.
P264 - Wash hands and forearms thoroughly after handling.
P280 - Wear eye protection, protective gloves.

Section 3 - Composition / Information on Ingredients

Chemical characterization:

Ingredient Name	CAS NO	%
0- Phosphoric Acid	7664-38-2	37.64
Water		46.5
Deliquescent		8.97
Fumed Silica		6.89
Blue Dye		Trace

Section 4 - First Aid Measures

After skin contact : Wash thoroughly with water, if irritation persist seek medical attention
After inhalation : Not Applicable
After eye contact : Rinse opened eye for several minutes under running water, if symptoms persist consult a doctor
After swallowing : Rinse out mouth and then drink plenty of water If symptoms persist consult doctor.

Section 5 - Fire-Fighting Measures

Extinguishing media :
CO2, extinguishing powder or water spray. Fight larger fires with water spray. Use fire fighting measure that suit the environment
For safety reason unsuitable extinguishing agents:
Water with full jet
Special hazards caused by the substance:
No further relevant information available.
Protective equipment:
Wear suitable protective equipments

Section 6 - Accidental Release Measures

Personal precautions related safety precautions:

Avoid contact with skins and eyes
Wear Protective clothing
Environmental precautions:
Do not allow to enter sewers /surface or ground water

Methods for cleaning/collecting:
Use neutralizing agent
Absorb liquid components with liquid-binding material.
Dispose of the collected material according to regulations.

Section 7 - Handling and Storage

Handling
Product intended for dental use only
Information for safe handling
Avoid contact with eyes.
Wear protective cloth when risk of exposure occurs
Use in a well ventilated area

Information about fire - and explosion protection:
No special measures required.

Storage practices and warnings:
Store only in the original package. Keep container tightly sealed.
Store in a dry area. Away from food and beverages.
Protect from excessive heat and cold.

Section 8 - Exposure Controls / Personal Protection

The product doest not contain any relevant quantities of materials with critical values that have to be monitored at the workplace

General protective and hygienic measure:
Avoid contact with eyes and skin.
Wash hand before breaks and at the end of work.
Keep away from foodstuffs, beverages and feed.

Breathing equipment: Suitable respiratory protective device recommended

Protective of hands **:** Protective gloves

Eye Protection **:** Safety glasses

Body Protection : Protective work clothing

Section 9 - Physical and Chemical Properties

Information on basic chemical and physical properties
General information
Appearance : Blue Gel
Colour : Blue Colour
Odour : No Data Available

Change in condition
Boiling Point : Undermined
Melting Point : Undermined
Vapour Pressure : Not applicable
Density : Not determined
Flash Point : Not applicable
Solubility in Water : Miscible

Section 10 - Stability and Reactivity

Chemical stability
Stable at ambient temperature.
Thermal decomposition / conditions to be avoided
No decomposition if used according to specifications
Possibility of hazardous reactions
No dangerous reactions known
Incompatible materials:
No further relevant information available.
Dangerous decomposition products
No dangerous decomposition of products known

Section 11 - Toxicological Information

Acute toxicity : Not available
Primary irritant effect
On the skin : May cause irritation
On the eye : Irritating effect
Sensitization : Sensitizing effect on skin

Additional toxicological information:

The product shows the following dangers according to the calculation method of the

General EU Classification Guidelines for Preparations as issued in the latest version.
Irritant

When used and handled according to specification, the product does not have any harmful effects to our experience and the information provided to us.

Section 12 - Ecological Information

Aquatic toxicity: No further relevant information available.
Persistence and degradability: No further relevant information available.

Behaviour in environmental systems : N/A
Bioaccumulative potential: No further relevant information available.

Additional Information:
General
Water hazard class 1 (self assessment): Slightly hazardous to water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system

Section 13 - Disposal Considerations

Recommendation: Must not be disposed with household garbage.
Do not allow product to reach sewage system**.**

Uncleaned packaging:
Recommendation : Disposal must be made according to official regulations

Section 14 - Transport Information

Land transport ADR/RID
ADR/RID class : NA

Maritime transport IMDG
IMDG class:
Marine pollutant : N/A

Air transport ICAO TI and IATA-DGR:
ICO/IATA Class : NA

Section 15 - Regulatory Information

Safety health and environmental regulation/ legislation specific for the substance or mixture
No further relevant information available
Chemical safety assessment:
A chemical safety assessment has not been carried out

Section 16 – Other Information

This Information is given in good faith, being based on the latest knowledge available to P.S.P.Dental Co. Ltd. No known relevant information has been omitted from the product information, risk information and safety precaution sheets. The user should not assume therefore, the product is suitable for any abnormal use. If the information provided is insufficient to ensure safety in any particular application, please contact P.S.P.Dental Co. Ltd prior to use for further advice.