

Printing date: 17.10.2016

Version number: 1

1- Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name:** PlaQ
- **Registrationnumber:** not applicable
- **1.2 Relevant identified uses of the substance or mixture and uses advised against:** No further relevant information available.
- **Application of the substance / the mixture:** Liquid for dying of dental plaque (plaque disclosure).
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer, supplier:**
DentalColors B.V.
Kanaalstraat 235
NL-7547 AS Enschede
The Netherlands
Tel: +31-(0)80 7732132
Email: info@dentalcolors.com
www.dentalcolors.com
- **Further information obtainable from:** manufacturer, supplier
- **1.4 Emergency telephone number:**
Nederland: National Vergiftigingen Informatie Centrum (NVIC) +31 (0)30 2748888
Belgium: Antigifcentrum, p/a Militair Hospitaal - Koningin Astrid +32 (0)70 245245
Germany: Poison Control Center Mainz +49 (0)613119240

2- Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
Not classified according to CLP-regulation.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008:** Not applicable.
- **Hazard pictograms:** Not applicable.
- **Hazard statements:** May cause skin irritation.
- **Precautionary statements:**
Wear protective gloves / protective clothing / protective eyewear.
If skin irritation occurs: Get medical advice/attention.
IF ON SKIN: Wash with plenty of water.
Dispose of in accordance with local/regional/federal/national/international regulations.
- **2.3 Other hazards:** Use only for intended scope of application.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

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3- Composition/information on ingredients

- **3.1 Chemical characterization:** Mixtures
- **Description:** Water-soluble colours (< 2% C.I. 45410 and < 1% C.I. 42090) dissolved in purified water.
- **Dangerous components:** Not applicable.
- **Other ingredients:** Flavor (menthol), thickener, preservative.

4- First aid measures

- **4.1 Description of first aid measures**
- **General information:** No special measures required.
- **After skin contact:** Wash with water and soap or use orange juice or white vinegar to remove the discoloration.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After inhalation:** Remove to fresh air in case of irritation.
- **After swallowing:** Not available.
- **4.2 Most important symptoms and effects, both acute and delayed**
- **Eye contact:** can cause redness and irritation.
- **Skin contact:** can cause discoloration and irritation.
- **4.3 Indication of any immediate medical attention and special treatment needed**

5- Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:** No special measures required.
- **5.2 Special hazards arising from the substance or mixture**
No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.

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6- Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Not required.
- **6.2 Environmental precautions**
Dispose of in accordance with official regulations.
- **6.3 Methods and material for containment and cleaning up**
Wipe up with paper towel. Clean with water and soap. Orange juice or white vinegar can be used if surface is discolored.
- **6.4 Reference to other sections**
No dangerous substances are released.

7- Handling and storage

- **7.1 Precautions for safe handling**
For professional dental use only. No special measures required.
- **Information about fire and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:** Store at roomtemperature (see storage instructions on package).
- **Requirements to be met by storerooms and receptacles:** Store at roomtemperature.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **7.3 Specific end use(s)**
No further relevant information available.

8- Exposure controls/personal protection

- **Additional information about design of technical facilities**
No further data (see item 7).
- **8.1 Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:** The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment:** Gloves, goggles.
- **General protective and hygienic measures:** The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:** Not required.
- **Protection of hands:** Protective gloves.

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9- Physical and chemical properties**· 9.1 Information on basic physical and chemical properties****· General Information****· Appearance:****Form:** Fluid**Colour:** Purple-Blue**· Odour:** Characteristic**· pH-value:** Not determined.**· Change in condition:****Melting point/Melting range:** Approximately 0° C (water)**Boiling point/Boiling range:** Approximately 100° C (water)**· Flash point:** Not applicable (water)**· Self-igniting:** Not applicable (water)**· Danger of explosion:** Not applicable**· Vapour pressure:** Not applicable**· Density:** Not determined**· Vapour density:** Approximately 20 mm/Hg**· Solubility in / Miscibility with water:** Fully miscible.**· Viscosity:****Dynamic:** Not determined.**Kinematic:** Not determined.**· 9.2 Other information** No further relevant information available.**10- Stability and reactivity****· 10.1 Reactivity****· 10.2 Chemical stability****· Thermal decomposition / conditions to be avoided:** No further relevant information available.**· 10.3 Possibility of hazardous reactions:** No dangerous reactions known.**· 10.4 Conditions to avoid:** No further relevant information available.**· 10.5 Incompatible materials:** No further relevant information available.**· 10.6 Hazardous decomposition products:** No dangerous decomposition products known.

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11- Toxicological information

· 11.1 Information on toxicological effects

· Acute toxicity:

· Primary irritant effect:

· on the skin: Not available.

· on the eye: Not available.

· Sensitization: No sensitization through skin contact known.

· Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

12- Ecological information

· 12.1 Toxicity

· Aquatic toxicity: No further relevant information available.

· 12.2 Persistence and degradability: Expected to be inherently biodegradable.

· 12.3 Bioaccumulative potential: No further relevant information available.

· 12.4 Mobility in soil: No further relevant information available.

· 12.5 Results of PBT and vPvB assessment

· PBT: Not applicable.

· vPvB: Not applicable.

· 12.6 Other adverse effects: No further relevant information available.

13- Disposal considerations

· 13.1 Waste treatment methods

· Recommendation: Disposal must be made according to official regulations.

· 13.2 Uncleaned packaging

· Recommendation: Disposal must be made according to official regulations.

· Recommended cleansing agents: Water and soap, orange juice or white vinegar.

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14- Transport information

· UN-Number · ADR, ADN, IMDG, IATA	Void
· UN proper shipping name · ADR, ADN, IMDG, IATA	Void
· Transport hazard class(es) · ADR, ADN, IMDG, IATA · Class	Void
· Packing group: · ADR, IMDG, IATA	Void
· Environmental hazards: · Marine pollutant:	No
· Special precautions for user:	Not applicable.
· Transport in bulk according to Annex II of MARPOL 73/78 en de IBC-code	Not applicable.
· UN "Model Regulation":	-

15- Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
No further relevant information available.

16- Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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