Safety Data Sheet  
according to WHS Regulations  

Printing date 31.03.2020  
Revision: 31.03.2020  
Version number 2

Hazardous according to criteria of Australian Safety and Compensation Council.

1 Identification

- Product identifier
- Trade name: GC Fuji Plus Conditioner
- Relevant identified uses of the substance or mixture and uses advised against
  No further relevant information available.
- Application of the substance / the mixture Auxillary for dental technology
- Details of the supplier of the safety data sheet
  - Manufacturer/Supplier:  
    GC Australasia Dental Pty Ltd  
    1753 Botany Road  
    Banksmeadow, NSW 2019  
    Tel: +61 2 9301 8200
- Further information obtainable from: Regulatory affairs

2 Hazard(s) Identification

- Classification of the substance or mixture
  - Skin Irrit. 2 H315 Causes skin irritation.
  - Eye Irrit. 2A H319 Causes serious eye irritation.

- Label elements
  - GHS label elements
    Exempt from requirements - product regulated as a medical device or an in vitro diagnostic medical device. The product is classified and labelled according to the Globally Harmonised System (GHS).

- Hazard pictograms

  GHS07

- Signal word Warning

- Hazard statements
  Causes skin irritation.
  Causes serious eye irritation.

- Precautionary statements
  Wash thoroughly after handling.
  Wear protective gloves / eye protection / face protection.
  IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
  Continue rinsing.
  If skin irritation occurs: Get medical advice/attention.
  Take off contaminated clothing and wash it before reuse.
  If eye irritation persists: Get medical advice/attention.
3 Composition and Information on Ingredients

- Chemical characterisation: Mixtures
- Description:
  Only substances required to be mentioned according to Annex II of regulation 1907/2006 are listed. Information on the other substances that may be present can be obtained upon request.

- Dangerous components:

<table>
<thead>
<tr>
<th>Substance</th>
<th>Hazard Class</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>5949-29-1 citric acid mono hydrate</td>
<td>Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H335</td>
<td>≥10-%&lt;20%</td>
</tr>
<tr>
<td>7705-08-0 iron trichloride</td>
<td>Skin Corr. 1B, H314; Eye Dam. 1, H318; Acute Tox. 4, H302</td>
<td>1-%&lt;2.5%</td>
</tr>
</tbody>
</table>

- Additional information: For the wording of the listed hazard phrases refer to section 16.

4 First Aid Measures

- Description of first aid measures
- General information:
  Immediately remove any clothing soiled by the product.
  If symptoms persist consult doctor.
- After inhalation:
  Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.
  Take affected persons into fresh air and keep quiet.
- After skin contact:
  Immediately wash with water and soap and rinse thoroughly.
  If skin irritation continues, consult a doctor.
- After eye contact:
  Protect unharmed eye.
  Rinse opened eye for several minutes under running water. Then consult a doctor.
- After swallowing:
  Rinse out mouth and then drink plenty of water.
  If symptoms persist consult doctor.
- Information for doctor:
  Most important symptoms and effects, both acute and delayed: No further relevant information available.
  Indication of any immediate medical attention and special treatment needed: No further relevant information available.

5 Fire Fighting Measures

- Extinguishing media
- Suitable extinguishing agents:
  CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
  Use fire extinguishing methods suitable to surrounding conditions.
- For safety reasons unsuitable extinguishing agents: Water with full jet

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50.4 Special hazards arising from the substance or mixture
Formation of toxic gases is possible during heating or in case of fire.
No further relevant information available.

Advice for firefighters

Protective equipment: Wear self-contained respiratory protective device.

Additional information
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures
Remove persons from danger area.
Avoid contact with the eyes and skin.
Wear protective clothing.

Environmental precautions:
Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to penetrate the ground/soil.
In case of seepage into the ground inform responsible authorities.

Methods and material for containment and cleaning up:
Absorb liquid components with liquid-binding material.
Dispose of the material collected according to regulations.

Reference to other sections
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and Storage

Handling:
Precautions for safe handling Avoid contact with the eyes and skin.

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

Conditions for safe storage, including any incompatibilities

Storage:
Requirements to be met by storerooms and receptacles: Store only in unopened original receptacles.

Information about storage in one common storage facility: Store away from foodstuffs.

Further information about storage conditions: None.

Specific end use(s) No further relevant information available.

8 Exposure controls and personal protection

Additional information about design of technical facilities: No further data; see item 7.

Control parameters

Ingredients with limit values that require monitoring at the workplace:

7705-08-0 iron trichloride
WES Long-term value: 1 mg/m³ as Fe

Additional information: The lists valid during the making were used as basis.
Exposure controls
- Personal protective equipment:
- General protective and hygienic measures:
The usual precautionary measures are to be adhered to when handling chemicals.
Avoid contact with the eyes and skin.
Wash hands before breaks and at the end of work.
Immediately remove all soiled and contaminated clothing
- Respiratory protection: Suitable respiratory protective device recommended.
- Protection of hands:
  - Protective gloves

Material of gloves
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- Penetration time of glove material
  The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- Eye protection:
  - Tightly sealed goggles

9 Physical and Chemical Properties
- Information on basic physical and chemical properties
- General Information
  - Appearance:
    - Form: Liquid
    - Colour: Light yellow
    - Odour: Odourless
    - Odour threshold: Not determined.
  - pH-value: Not determined.
- Change in condition
  - Melting point/freezing point: Undetermined.
  - Initial boiling point and boiling range: Undetermined.
- Flash point: Not applicable.
- Flammability (solid, gas): Not applicable.
- Ignition temperature: Undetermined.
- Decomposition temperature: Not determined.
- Auto-ignition temperature: Product is not selfigniting.
- Explosive properties: Product does not present an explosion hazard.
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- **Explosion limits:**
  - Lower: Not determined.
  - Upper: Not determined.

- **Vapour pressure:** Not determined.

- **Density at 20 °C (68 °F):** 1.1 g/cm³ (9.1795 lbs/gal)
  - Relative density: Not determined.
  - Vapour density: Not determined.
  - Evaporation rate: Not determined.

- **Solubility in / Miscibility with water:** Fully miscible.

- **Partition coefficient: n-octanol/water:** Not determined.

- **Viscosity:**
  - Dynamic: Not determined.
  - Kinematic: Not determined.

- **Solvent content:**
  - Water: 88.0 %
  - VOC (EC): 0.0 g/l

- **Other information**
  - No further relevant information available.

10 Stability and Reactivity

- **Reactivity**
  - No further relevant information available.

- **Chemical stability**
  - **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
  - **Possibility of hazardous reactions**
    - No dangerous reactions known.
  - **Conditions to avoid**
    - No further relevant information available.
  - **Incompatible materials:**
    - No further relevant information available.
  - **Hazardous decomposition products:**
    - No dangerous decomposition products known.

11 Toxicological Information

- **Information on toxicological effects**
  - **Acute toxicity**
  - **LD/LC50 values relevant for classification:**
    - 7705-08-0 iron trichloride
    - Oral LD50 1,872 mg/kg (rat (f+m))

- **Primary irritant effect:**
  - **Skin corrosion/irritation**
    - Irritant to skin and mucous membranes.
  - **Serious eye damage/irritation**
    - Irritating effect.
  - **Respiratory or skin sensitisation**
    - No sensitising effects known.

- **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
  - **Repeated dose toxicity**
    - No further relevant information available.
### 12 Ecological Information

- **Toxicity**
  - **Aquatic toxicity**: No further relevant information available.
  - **Persistence and degradability**: No further relevant information available.
  - **Behaviour in environmental systems**:
    - **Bioaccumulative potential**: No further relevant information available.
    - **Mobility in soil**: No further relevant information available.
  - **Additional ecological information**:
    - **General notes**:
      - Water hazard class 3 (German Regulation) (Self-assessment): extremely hazardous for water.
      - Do not allow product to reach ground water, water course or sewage system, even in small quantities.
      - Danger to drinking water if even extremely small quantities leak into the ground.
  - **Results of PBT and vPvB assessment**
    - **PBT**: Not applicable.
    - **vPvB**: Not applicable.
  - **Other adverse effects**: No further relevant information available.

### 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation**
  - Must not be disposed together with household garbage. Do not allow product to reach sewage system.
  - **Uncleaned packaging**:
    - **Recommendation**: Disposal must be made according to official regulations.
    - **Recommended cleansing agents**: Water, if necessary together with cleansing agents.

### 14 Transport information

- **UN-Number**
  - ADG, ADN, IMDG, IATA: not regulated
- **UN proper shipping name**
  - ADG, ADN, IMDG, IATA: not regulated
- **Transport hazard class(es)**
  - ADG, ADN, IMDG, IATA: not regulated
  - Class: not regulated
- **Packing group**
  - ADG, IMDG, IATA: not regulated
- **Environmental hazards**
  - **Marine pollutant**: No
  - **Special precautions for user**: Not applicable.
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Transport in bulk according to Annex II of Marpol and the IBC Code: Not applicable.

UN "Model Regulation": not regulated

15 Regulatory information

· Safety, health and environmental regulations/legislation specific for the substance or mixture
  · Australian Inventory of Chemical Substances
    All ingredients are listed.
  · Standard for the Uniform Scheduling of Medicines and Poisons
    None of the ingredients is listed.
  · Australia: Priority Existing Chemicals
    None of the ingredients is listed.
  · GHS label elements
    The product is classified and labelled according to the Globally Harmonised System (GHS).
  · Hazard pictograms

GHS07

· Signal word Warning

· Hazard statements
  Causes skin irritation.
  Causes serious eye irritation.

· Precautionary statements
  Wash thoroughly after handling.
  Wear protective gloves / eye protection / face protection.
  IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  If skin irritation occurs: Get medical advice/attention.
  Take off contaminated clothing and wash it before reuse.
  If eye irritation persists: Get medical advice/attention.

· Directive 2012/18/EU

· Named dangerous substances - ANNEX I
  None of the ingredients is listed.

· Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information

· Relevant phrases
  H302 Harmful if swallowed.
  H314 Causes severe skin burns and eye damage.
  H315 Causes skin irritation.
  H318 Causes serious eye damage.
  H319 Causes serious eye irritation.
  H335 May cause respiratory irritation.
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- **Department issuing SDS:** Regulatory affairs
- **Contact:** msds@gc.dental
- **Abbreviations and acronyms:**
  - ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
  - IMDG: International Maritime Code for Dangerous Goods
  - IATA: International Air Transport Association
  - EINECS: European Inventory of Existing Commercial Chemical Substances
  - ELINCS: European List of Notified Chemical Substances
  - CAS: Chemical Abstracts Service (division of the American Chemical Society)
  - VOC: Volatile Organic Compounds (USA, EU)
  - LC50: Lethal concentration, 50 percent
  - LD50: Lethal dose, 50 percent
  - PBT: Persistent, Bioaccumulative and Toxic
  - vPvB: very Persistent and very Bioaccumulative
  - Acute Tox. 4: Acute toxicity - oral – Category 4
  - Skin Corr. 1B: Skin corrosion/irritation – Category 1B
  - Skin Irrit. 2: Skin corrosion/irritation – Category 2
  - Eye Dam. 1: Serious eye damage/eye irritation – Category 1
  - Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A
  - STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

- **Sources**
  - ECHA (http://echa.europa.eu/)
  - EnviChem (www.echemportal.org)

* Data compared to the previous version altered.

This version replaces all previous versions.

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