

## SAFETY DATA SHEET

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**Number:**

**Date prepared:** February 24, 2015

**Date revised:**

**Revised detail:**

### 1. Chemical Product and Company Identification

**Product code:** -

**Product name:** EQUIA FORTE Fil liquid

**Recommended use:** Auxillary for dental technology.

**Company Identification:**

GC Europe N.V., Interleuvenlaan 33, B-3001, Leuven

Phone +32-(0)-16-74-10-00

**Australian supplier:**  
Henry Schein Halas Dental Co., Ltd.,  
Sydney – Head Office  
44 O'Dea Ave, Waterloo, NSW 2017  
Emergency Phone (02) 9697-6288 / 1300 658822  
Fax (02) 9697 6250

### 2. Hazards Identification

**Dangerous Goods:** UN 3265, CORROSIVE LIQUID, ACIDIC. ORGANIC N.O.S

**GHS Classification:** Hazardous Substance

Skin Corrosion / Irritation (Category 1A)

Eye Damage / Irritation (Category 1)



**Signal Word:** Danger

#### Hazard Statement(s)

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

#### Precautionary statement(s)

##### Prevention

P260 Do not breathe dusts or mists.

P264 Wash hands and skin thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

##### Response

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing.  
Rinse skin with water.

P305 + P351+ P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.  
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P310 Immediately call a POISON CENTER or doctor/ physician for advice.  
P321 Specific treatment (see first aid instructions).  
P363 Wash contaminated clothing before reuse.

**Storage**

P405 Store locked up.

**Disposal**

P501 Dispose of contents/ container to an approved waste disposal plant.

**3. Composition / Information on Ingredients**

(% chemical components by WT)

CAS No.	Ingredient	Risk Phrases	Qty
87-69-4	Tartaric acid	Eye Dam. 1, H318	5 - 10%

**4. First Aid Measures**

**General information:** Immediately remove any clothing soiled by the product.

If symptoms persist consult doctor.

**After inhalation:** Supply fresh air; consult doctor in case of complaints.

In case of unconsciousness place patient stably in side position for transportation.

**After skin contact:** Immediately wash with water and soap and rinse thoroughly.

Seek medical treatment.

**After eye contact:** Protect unharmed eye. Rinse opened eye for several minutes under running water. Call a doctor immediately.

**After swallowing:** Rinse out mouth and then drink plenty of water.

If symptoms persist consult 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**

**Hazchem Code:** 2X **HIN:** 88/80

**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.

**Special hazards arising from the substance or mixture**

Formation of toxic gases is possible during heating or in case of fire.

**Advice for firefighters**

**Protective equipment:** Wear self-contained respiratory protective device.

**Additional information:** Dispose of fire debris and contaminated firefighting 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. Do not allow to penetrate the ground/soil.

**Methods and material for containment and cleaning up:** Use neutralising agent. 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

**Precautions for safe handling:** Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols. 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 in a cool location. Store only in unopened original receptacles.

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

**Further information about storage conditions:**

Keep container tightly sealed.

**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.

**Control parameters**

**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.

**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. Keep away from foodstuffs, beverages and feed. 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 cannot 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 at 20°C:** 1.9

**Change in condition**

**Melting point/Melting range:** Undetermined.

**Boiling point/Boiling range:** Undetermined.

**Flash point:** Not applicable.

**Flammability (solid, gaseous):** Not applicable.

**Ignition temperature:** Undetermined.

**Decomposition temperature:** Not determined.

**Self-igniting:** Product is not self-igniting.

**Danger of explosion:** Product does not present an explosion hazard.

**Explosion limits:**

**Lower:** Not determined.

**Upper:** Not determined.

**Vapour pressure:** Not determined.

**Density at 20 °C:** Not determined.

**Relative density:** Not determined.

**Vapour density:** Not determined.

**Evaporation rate:** Not determined.

**Solubility in / Miscibility with water:** Insoluble.

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

**Viscosity:**

**Dynamic:** Not determined.

**Kinematic:** Not determined.

**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:** No further relevant information available.

#### Primary irritant effect:

**on the skin:** Strong caustic effect on skin and mucous membranes.

**on the eye:** Strong caustic effect. Strong irritant with the danger of severe eye injury.

**Sensitization:** 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: Corrosive.

**Repeated dose toxicity:** No further relevant information available.

#### CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):

No further relevant information available.

## 12. Ecological Information

### Toxicity

**Aquatic toxicity:** No further relevant information available.

**Persistence and degradability:** No further relevant information available.

**Bioaccumulative potential:** No further relevant information available.

**Mobility in soil:** No further relevant information available.

#### Additional ecological information:

##### General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water  
Do not allow undiluted product or large quantities to reach ground water, water course or sewage system. Must not reach sewage water or drainage ditch undiluted or unneutralised. Rinse off bigger amounts into drains or the aquatic environment may lead to decreased pH-values. A low pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably increased, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.

#### 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.

#### European waste catalogue

18 00 00 WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care)  
18 01 00 wastes from natal care, diagnosis, treatment or prevention of disease in humans  
18 01 06\* chemicals consisting of or containing dangerous substances

#### Uncleaned packaging:

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

## 14. Transport Information

**ADGC:** Dangerous Goods, UN 3265, CORROSIVE LIQUID, ACIDIC. ORGANIC N.O.S



### Corrosive substances

Hazchem Code: 2X			HIN: 88/80			Packagings & IBCs		Portable Tanks & Bulk Containers	
ADGC	Class	Subsidiary Risk	Packing Group	Special Provisions	Limited Quantities	Packing Instruction	Special Packing Provisions	Instructions	Special Provisions
	8		II	274	1L	P001 IBC02		T11	TP2 TP27

**IMDG Regulations:** UN 3265, CORROSIVE LIQUID, ACIDIC. ORGANIC N.O.S  
(Polyacrylic acid, Tartaric acid)

**Class:** 8, Corrosive substances

**Packing group:** II

**Limited quantities:** 1 L

Excepted quantities: Code E2

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 500 ml

**Transport category:** 2

**Tunnel restriction code:** E

**IATA Regulations:** UN 3265, CORROSIVE LIQUID, ACIDIC. ORGANIC N.O.S

**Class:** 8, Corrosive substances

**Packing group:** II

**Limited quantities:** 1 L

**Danger code (Kemler):** 80

**EMS Number:** F-A, S-B

## 15. Regulatory Information

Regulated as a medical device class IIa. Hazard classification according to the *Globally Harmonized System of Classification and Labelling of Chemicals* (GHS) and the Australian Code for the Transport of Dangerous Goods by Road and Rail (7th Edition, 7.3).

Exposure limits according to "Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003(1995)]"

S.D.S prepared in accordance with the National Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals, Dec 2011.

## 16. Other Information

### Abbreviations and acronyms:

ADGC: Australian Code for the Transport of Dangerous Goods by Road and Rail

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Eye Dam. 1, Eye Damage / Irritation, Hazard category 1

This version replaces all previous versions.

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