

F4L-C Safety Data Sheet

According to EC-Regulation No. 1907/2006

Version 1.01

Revision date: 24-06-2025

Section 1 – Product and company information

1.1 Product code

F4L-C

1.2 Product description

Embalming fluid component to be mixed with F4L-A and F4L-B (2:1:1) to preserve life-like morphology of deceased and for medical science donated human or animal bodies by means of arterial perfusion.

1.3 Contact information

Company: Fix for Life B.V., Leliestraat 54, 2313BH Leiden, Netherlands

Phone: +31615676299

1.4 Emergency telephone number

Emergency phone: 112

Section 2 – Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Contains mixture of aliphatic and aromatic alcohols 50 – 100%, which is hazardous according to Regulation (EC) No. 1272/2008.

Causes serious eye irritation: Category 2, H319

Causes skin irritation: Category 2, H315

Reproductive toxicity (Category 2), H361d

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2 Pictogram



Signal word: Warning

Hazard statement(s)

H315

Causes skin reaction.

H319

Causes serious eye irritation.

H316d

Suspected of damaging the unborn child.

Precautionary statements

P264

Wash skin thoroughly after handling.

P280

Wear eye protection, protective clothing, protective gloves.

P302 + P352

IF ON SKIN: Wash with plenty of water.

P305 + P351 + P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P308 + P313

IF exposed or concerned: Get medical advice/ attention.

2.3 Other hazards

None.

Section 3 – Composition and information on ingredients

Mixtures

Specific composition as a result of applicable regulations is not necessary to show.

Name	Conc.	Classification according to CLP
Mixture of aliphatic and aromatic alcohols	50 – 100%	Repr. 2; H315, H0319, H361d

Section 4 – First aid measures

4.1 General advice:

Check the vital functions. Unconscious: maintain adequate airway and respiration. Respiratory arrest: artificial respiration or oxygen. Cardiac arrest: perform resuscitation. Victim conscious with labored breathing: half-seated. Victim in shock: on his back with legs slightly raised. Vomiting: prevent asphyxia/aspiration pneumonia. Prevent cooling by covering the victim (no warming up). Keep watching the victim. Give psychological aid. Keep the victim calm, avoid physical strain. Depending on the victim's condition: doctor/hospital.

In Case of Inhalation

Remove the victim into fresh air. Respiratory problems: consult a doctor/medical service.

In Case of Contact with Skin:

In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower. Consult a physician.

In Case of Contact with Eyes:

After eye contact: rinse out with plenty of water. Call in ophthalmologist. Remove contact lenses.

In Case of Accidental Swallowing:

After swallowing: immediately make victim drink water (two glasses at most). Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

Section 5 – Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO₂); Foam; Dry powder.

Unsuitable extinguishing media

For this substance/mixture no limitations of extinguishing agents are given.

5.2 Special hazards arising from the substance or mixture

Carbon oxides.

Combustible.

Vapors are heavier than air and may spread along floors.

Forms explosive mixtures with air on intense heating.

Development of hazardous combustion gases or vapours possible in the event of fire.

5.3 Advice for firefighters

Stay in danger area only with self-contained breathing apparatus. Prevent skin contact by keeping a safe distance or by wearing suitable protective clothing.

5.4 Prevent fire extinguishing water from contaminating surface water or the ground water system.

Section 6 – Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

See heading 8.2

6.2 Environmental precautions

Do not let product enter drains. Contain released substance, pump into suitable containers. Plug the leak, cut off the supply.

6.3 Methods for Cleaning Spills

Cover drains. Take up liquid spill into absorbent material, e.g.: sand, earth, vermiculite or kieselguhr, powdered limestone. Scoop absorbed substance into closing containers. Clean up affected area.

6.4 Reference to other sections

For disposal see section 13.

Section 7 – Handling and storage

7.1 Handling

Avoid contact with skin and eyes. For precautions see section 2.2.

7.2 Storage

Keep container tightly closed (hygroscopic).

Storage class (TRGS 510): 10: Combustible liquids

Safe storage requirements

Store in a dry, cool, well-ventilated place.

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

Section 8 – Personal protection and exposure

8.1 Control parameters

No data available

8.2 Exposure controls

The information in this section is a general description.

Appropriate engineering controls

Keep container tightly closed. Handle in accordance with good industrial hygiene and safety practice.

Wash hands before breaks and at the end of workday. Do not eat, drink or smoke during work.

Individual protection measures, such as personal protective equipment

Observe normal hygiene standards

a) Respiratory protection: In case of inadequate ventilation wear respiratory protection.

b) Hand protection: Gloves.

c) Eye protection: Safety glasses.

d) Skin protection: Protective clothing.

Environmental exposure controls:

See headings 6.2, 6.3 and 13

Section 9 – Physical and chemical properties

9.1 Appearance

F4L-C 5000 cc HDPE container, white

Physical State Liquid

Section 10 – Chemical stability and reactivity

10.1 Reactivity

Forms explosive mixtures with air on intense heating.

10.2 Stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Violent reactions possible with:

mineral acids

Strong oxidizing agents

10.4 Conditions to avoid

Avoid moisture.

Strong heating.

10.5 Incompatible materials

No data available.

10.6 Hazardous decomposition products

In the event of fire: see section 5

Section 11 – Toxicological data

11.1 Information on toxicological effects

No data available.

Section 12 – Ecological information

12.1 Toxicity

No (test) data available.

12.2 Persistence and degradability:

Readily biodegradable in water.

12.3 Bio-accumulative potential:

Bioaccumulation: not applicable.

12.4 Mobility in soil:

No (test) data available.

12.5 Other adverse effects:

Discharge into the environment must be avoided.

Section 13 – Disposal considerations

13.1 Waste treatment methods

The information in this section is a general description.

Provisions relating to waste

Can be considered as hazardous waste according to Directive 2008/98/EC.

Disposal methods

Remove to an authorized incinerator equipped with an afterburner and a flue gas scrubber with energy recovery. Do not discharge into surface water.

Packaging/Container

Waste material code packaging (Directive 2008/98/EC): 15 01 10* (packaging containing residues of or contaminated by dangerous substances).

Section 14 – Transport information

14.1 UN number

This product is not subject to any transport regulations.

Section 15 – Classification and regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the mixture

In accordance to current EC-Regulations this product is exempt from specific labeling requirements.

Section 16 – Other information / Disclaimer

Full text of H-Statements referred to under sections 2 and 3.

H315 Causes skin reaction.

H319 Causes serious eye irritation.

H316d Suspected of damaging the unborn child.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.

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