

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 28.07.2026

Version number 1

Revision: 28.07.2026

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name:** Flockfix Liquid
- Article number: 0901
- UFI: FCFX-FX77-NT0F-55UH
- **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** water treatment
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Chemoform AG
Bahnhofstr. 68, D-73240 Wendlingen
Tel: +49 7024 4048-0, Fax: +49 7024 4048-2800, E-Mail: info@chemoform.com
- **Further information obtainable from:** datenblatt@chemoform.com
- **1.4 Emergency telephone number:** Vergiftungs-Informations-Zentrale Freiburg, Tel. +49 761 19240 (24h)

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008** The product is not classified, according to the CLP regulation.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** Void
- Hazard pictograms Void
- Signal word Void
- Hazard statements Void
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- PBT: Not applicable
- vPvB: Not applicable

SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
- **Description:** Mixture of substances listed below with nonhazardous additions.
- **Dangerous components:** Void
- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Call a doctor immediately.
- **After swallowing:** If symptoms persist consult doctor.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **5.2 Special hazards arising from the substance or mixture**
Formation of toxic gases is possible during heating or in case of fire.
In case of fire, the following can be released:

(Contd. on page 2)

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 28.07.2026

Version number 1

Revision: 28.07.2026

Trade name: Flockfix Liquid

Hydrogen chloride (HCl)

(Contd. of page 1)

• 5.3 Advice for firefighters**• Protective equipment:** No special measures required.**SECTION 6: Accidental release measures****• 6.1 Personal precautions, protective equipment and emergency procedures** Not required**• 6.2 Environmental precautions:**

Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

• 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

• 6.4 Reference to other sections

No dangerous substances are released.

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage**• 7.1 Precautions for safe handling** No special measures required.**• Information about fire - and explosion protection:** The product is not flammable.**• 7.2 Conditions for safe storage, including any incompatibilities****• Storage:**

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: Not required

Further information about storage conditions: None.

Storage class: 12

• 7.3 Specific end use(s) No further relevant information available.**SECTION 8: Exposure controls/personal protection****• 8.1 Control parameters****• Ingredients with limit values that require monitoring at the workplace:****12042-91-0 dialuminium chloride pentahydroxide (2,5 – 10%)**MAK (Germany) Long-term value: 0,005E mg/m³
als Al

Regulatory information MAK (Germany): MAK- und BAT-Liste

Additional information: The lists valid during the making were used as basis.

• 8.2 Exposure controls**• Appropriate engineering controls** No further data; see section 7.**• Individual protection measures, such as personal protective equipment**

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection: Not required

Hand protection

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

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.

Not suitable are gloves made of the following materials:

Leather gloves

Strong material gloves

Eye/face protection Goggles recommended during refilling

(Contd. on page 3)

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 28.07.2026

Version number 1

Revision: 28.07.2026

Trade name: Flockfix Liquid

• Body protection: Protective work clothing

(Contd. of page 2)

SECTION 9: Physical and chemical properties

• 9.1 Information on basic physical and chemical properties

• General Information

• Physical state	Liquid
• Colour:	Colourless
• Odour:	Odourless
• Odour threshold:	Not determined
• Melting point/freezing point:	Undetermined
• Boiling point or initial boiling point and boiling range	100 °C
• Flammability	Not applicable
• Lower and upper explosion limit	
• Lower:	Not determined
• Upper:	Not determined
• Flash point:	Not applicable
• Decomposition temperature:	Not determined
• pH at 20 °C	4,2
• Viscosity:	
• Kinematic viscosity	Not determined
• Dynamic:	Not determined
• Solubility	
• water:	Fully miscible.
• Partition coefficient n-octanol/water (log value)	Not determined
• Vapour pressure:	Not determined
• Density and/or relative density	
• Density:	Not determined
• Relative density	Not determined
• Vapour density	Not determined

• 9.2 Other information

• Appearance:

• Form:	Fluid
---------	-------

• Important information on protection of health and environment, and on safety.

• Ignition temperature:	Product is not selfigniting.
• Explosive properties:	Product does not present an explosion hazard.

• Change in condition

• Evaporation rate	Not determined
--------------------	----------------

• Information with regard to physical hazard classes

• Explosives	Void
• Flammable gases	Void
• Aerosols	Void
• Oxidising gases	Void
• Gases under pressure	Void
• Flammable liquids	Void
• Flammable solids	Void
• Self-reactive substances and mixtures	Void
• Pyrophoric liquids	Void
• Pyrophoric solids	Void
• Self-heating substances and mixtures	Void
• Substances and mixtures, which emit flammable gases in contact with water	Void
• Oxidising liquids	Void
• Oxidising solids	Void
• Organic peroxides	Void
• Corrosive to metals	Void
• Desensitised explosives	Void

SECTION 10: Stability and reactivity

• **10.1 Reactivity** No further relevant information available.

(Contd. on page 4)

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 28.07.2026

Version number 1

Revision: 28.07.2026

Trade name: Flockfix Liquid

(Contd. of page 3)

- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** Reacts with strong alkali.
- **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.

SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
 - **Acute toxicity** Based on available data, the classification criteria are not met.
 - **Primary irritant effect:**
 - **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
 - **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
 - **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
 - **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
 - **Carcinogenicity** Based on available data, the classification criteria are not met.
 - **Reproductive toxicity** Based on available data, the classification criteria are not met.
 - **STOT-single exposure** Based on available data, the classification criteria are not met.
 - **STOT-repeated exposure** Based on available data, the classification criteria are not met.
 - **Aspiration hazard** Based on available data, the classification criteria are not met.
 - **11.2 Information on other hazards**
 - **Endocrine disrupting properties**
- None of the ingredients is listed.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** Toxic to aquatic life with long lasting effects.
- **12.2 Persistence and degradability**
- **Anorganic product,** is not eliminable from water by means of biological cleaning processes.
- **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 Endocrine disrupting properties** The product does not contain substances with endocrine disrupting properties.
- **12.7 Other adverse effects**
- **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 of it to reach ground water, water course or sewage system.**

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation** Smaller quantities can be disposed of with household waste.
- **European waste catalogue**
- **16 05 08*** discarded organic chemicals consisting of or containing hazardous substances
- **Uncleaned packaging:**
- **Recommendation:**
- **Packaging may be reused or recycled after cleaning.**
- **Empty contaminated packagings thoroughly.** They may be recycled after thorough and proper cleaning.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

SECTION 14: Transport information

- **14.1 UN number or ID number**
 - **ADR, ADN, IMDG, IATA**
- Void

(Contd. on page 5)

D-E

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 28.07.2026

Version number 1

Revision: 28.07.2026

Trade name: Flockfix Liquid

(Contd. of page 4)

- **14.2 UN proper shipping name**
- **ADR, ADN, IMDG, IATA** Void
- **14.3 Transport hazard class(es)**
- **ADR, ADN, IMDG, IATA**
- **Class** Void
- **14.4 Packing group**
- **ADR, IMDG, IATA** Void
- **14.5 Environmental hazards:**
- **Marine pollutant:** No
- **14.6 Special precautions for user** Not applicable
- **14.7 Maritime transport in bulk according to IMO instruments** Not applicable
- **Transport/Additional information:** Not dangerous according to the above specifications.
- **UN "Model Regulation":** Void

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- Named dangerous substances - ANNEX I None of the ingredients is listed.
- **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**
- None of the ingredients is listed.
- **REGULATION (EU) 2019/1148**
- **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**
- None of the ingredients is listed.
- **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**
- None of the ingredients is listed.
- **Regulation (EC) No 273/2004 on drug precursors**
- None of the ingredients is listed.
- **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**
- None of the ingredients is listed.
- **National regulations:**
- Waterhazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.
- Other regulations, limitations and prohibitive regulations
- TRGS 200: Classification and labelling of substances, preparations and articles.
- TRGS 201: Labelling of waste during handling.
- TRGS 400: Determination and assessment of hazards from hazardous substances at the workplace: Requirements.
- TRGS 440: Determination and assessment of hazards from hazardous substances at the workplace: Determination of hazardous substances and methods for testing substitutes.
- TRGS 500: Protective measures: Minimum standards.
- TRGS 555: Operating instructions and instruction according to § 20 GefStoffV.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 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.

This Safety Data Sheet is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

- **Date of previous version:** 24.07.2026

- **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

ADR: Accord relatif au transport international 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

(Contd. on page 6)

D-E

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 28.07.2026

Version number 1

Revision: 28.07.2026

Trade name: Flockfix Liquid

(Contd. of page 5)

GHS: Globally Harmonised System of Classification and Labelling of Chemicals
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)
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative

D-E