

# Safety data sheet

according to Regulation (EC) No 1907/2006  
(REACH)



Trade name :

**Aqualyt F-50**

Revised on : 05.06.2023

Version :

1.0.0

Print date : 01.02.2024

## 1. Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Aqualyt F-50 (30810097)

Unique formulation identifier (UFI): YFX8-QUHM-YW0Y-SQJ7

### 1.2 Relevant identified uses of the substance or mixture

Cleaning booster

#### Utilisation sectors [SU]

Commercial

Industrial

### 1.3 Details of the supplier of the safety data sheet Manufacturer/Supplier :

**Street :** Hildebrand Industry AG  
**Postcode/Place :** Marksteinstrasse 2  
**Phone :** 8552 Felben-Wellhausen  
**Contact :** +41523684515  
sales@hildebrandindustry.ch

### 1.4 Emergency number

Swiss Tox Centre, 24h emergency number 145, phone +41 44 251 51 51

## 2. Possible dangers

### 2.1 Classification of the substance or mixture

#### Classification according to Regulation (EC) No 1272/2008 [CLP]

Eye Dam. 1 ; H318 - Serious eye damage/irritation : Category 1 ; Causes serious eye damage.

Aquatic Chronic 3 ; H412 - Hazardous to the aquatic environment : Chronic 3 ; Harmful to aquatic life with long lasting effects.

### 2.2 Labelling elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP] Hazard pictograms



Corrosivity (GHS05)

#### Signal word

Danger

#### Hazard-determining components of labelling

NON-IONIC SURFACTANT

#### Hazard warnings

H318 Causes serious eye damage.  
H412 Harmful to aquatic life with long lasting effects.

#### Safety instructions

P273 Avoid release to the environment.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P310 Immediately call a POISON CENTER or doctor.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove any contact lenses if possible. Continue rinsing.  
P501 Waste and containers must be disposed of in a safe manner.

### 2.3 Other dangers

#### Possible harmful effects on the environment

This product does not contain any substance with endocrine disrupting properties towards non-target organisms, as no ingredient fulfils the criteria.

The PVT/vPvB criteria according to REACH, Annex XIII, are not fulfilled.

## 3. Composition/information on ingredients

### 3.2 Mixtures

#### Hazardous ingredients

NON-IONIC TENSID ; EC No. : Polymer

Percentage by weight : 3 - 10 %

Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Acute Tox. 4 ; H302 Skin Irrit. 2 ; H315 Aquatic Acute 1 ; H400 Aquatic Chronic 2 ; H411

#### Additional notes

Wording of the hazard and EU hazard statements: see SECTION 16.

#### Labelling of ingredients (Regulation (EC) No 648/2004)

Non-ionic surfactants 5 - < 15 %

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## 4. First aid measures

### 4.1 Description of first aid measures General information

In all cases of doubt or if symptoms are present, seek medical advice.

#### After inhalation

Provide fresh air.

#### In case of skin contact

Contaminated clothing must be changed immediately. Wash off with plenty of water.

#### After eye contact

In case of eye contact, rinse the eyes with water for a sufficient length of time with the eyelids open, then consult an ophthalmologist immediately. Rinse thoroughly with water (10-15 min.). Consult a doctor immediately.

#### After ingestion

Call a doctor immediately. Keep at rest. Do not induce vomiting. If swallowed, rinse mouth with plenty of water (only if the person is conscious) and get medical attention immediately.

### 4.2 Most important symptoms and effects, both acute and delayed

There is no information available.

### 4.3 Information on immediate medical assistance or specialised treatment

None

## 5. Firefighting measures

Coordinate extinguishing measures with the surroundings.

### 5.1 Extinguishing agent

#### Suitable extinguishing agents

Foam Dry extinguishing agent Carbon dioxide (CO<sub>2</sub>) Water mist Water spray jet

### 5.2 Special hazards arising from the substance or mixture

Non-flammable under normal conditions.

### 5.3 Instructions for firefighting

#### Special protective equipment for firefighting

Wear self-contained breathing apparatus.

### 5.4 Additional notes

Do not allow extinguishing water to enter sewers and bodies of water.

## 6. Measures in the event of accidental release

### 6.1 Personal precautions, protective equipment and emergency procedures

See protective measures under points 7 and 8.

### 6.2 Environmental protection measures

Do not allow to enter drains or waterways, for user solution (dilution) see also point 12.7. In case of gas leakage or ingress into waterways, soil or drains, inform the responsible authorities.

### 6.3 Methods and material for retention and cleaning For cleaning

Take up with inert absorbent material and dispose of as waste requiring special monitoring. Areal extent (e.g. by damming or oil booms).

### 6.4 Reference to other sections

None

## 7. Handling and storage

### 7.1 Protective measures for safe handling

Avoid contact with skin, eyes and clothing. Do not eat, drink, smoke or sniff at the workplace. Other regulations, restrictions and prohibitions Observe : The usual precautionary measures for handling chemicals must be observed. Store under lock and key.

### 7.2 Conditions for safe storage, taking into account incompatibilities Requirements for storage rooms and containers

Follow the instructions for use on the label. Keep/store only in the original container. Keep container tightly closed. Storage temperature: 5 - 30 °C. Always close the container tightly after removing the product. Ensure adequate storage room ventilation. Store in compliance with local regulations.

#### Information on storage in one

##### common storage facility

Storage class (Switzerland): 8

#### Do not store together with

Keep away from: Acid

#### Further information on storage conditions

Minimum shelf life from production: 2.5 years

### 7.3 Specific end uses

None

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## 8. Exposure controls/personal protective equipment

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The employer is legally obliged to carry out a risk assessment and define suitable measures that correspond to the risk. If the limit value defined by the authorities in section 8.1 is exceeded, all protective measures specified in section 8.2 must be applied and regular measurements must be carried out to ensure compliance with the official limit values. For every situation in which a risk cannot be ruled out, the measures described must be applied. If the assessment reveals a low risk to workers, protective measures can be relaxed in accordance with the risk.

## 8.1 Parameters to be monitored

### Occupational exposure

#### limits

Information on the occupational exposure limit value according to the RCP method

according to TRGS 900 ( D ) Limit value type (country of origin) :

Calculated RCP occupational exposure limit (

D ) Limit value :

not relevant

## 8.2 Exposure controls Personal protective

### equipment

Wash hands before breaks and at the end of work.

### Eye/face protection

Use safety goggles or face protection according to EN 166.

### Skin protection

#### Hand protection

Suitable chemical-resistant protective gloves according to ISO EN 374-1:2016: Type A or B, permeation resistance (breakthrough resistance): > 30 minutes. Material: Nitrile. Layer thickness  $\geq 0.38$  mm Glove recommendation: Sol-Vex 37-675 (type A, layer thickness 0.38 mm, test chemicals used: J,K,L,O,P,T) or Sol-Vex 37-185 (type A, layer thickness 0.56 mm, test chemicals used: A,G,J,K,L,P,T) This information is based on manufacturer's specifications. It should be noted that the daily usage time of a chemical protective glove may be shorter in practice (due to the many influencing factors such as heat) than the permeation time determined in accordance with EN 374. The service life of the gloves can be considerably extended if they are regularly washed with soapy water after work or at least rinsed under the running tap.

#### Body protection

Wear suitable protective clothing in accordance with EN 14605, EN 20344, EN 20345 when working: protective clothing and boots.

### Respiratory protection

EN 143, EN 14387 None when used as intended.

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties Physical state Liquid

Colour : colourless (batch-related colour differences possible)

Odour : odourless

#### Safety-related parameters

Initial boiling point and boiling range :

( 1013 hPa ) not applicable

Flash point :

not applicable

Vapour pressure :

( 50 °C )

not applicable

Density :

( 20 °C )

1.010 g/cm<sup>3</sup>

Solvent separation test :

( 20 °C )

not applicable

Solubility in water :

readily soluble in water

pH value :

( 20 °C / 5 g/l )

8.3

Viscosity :

( 20 °C )

10 mPa\*s

### 9.2 Other information

None

## 10. Stability and reactivity

### 10.1 Reactivity

There is no information available.

### 10.2 Chemical stability

There is no information available.

### 10.3 Possibility of hazardous reactions

There is no information available.

### 10.4 Conditions to avoid

Stable if recommended storage and handling instructions are followed (see section 7).

### 10.5 Incompatible materials

Inorganic and organic acids

### 10.6 Hazardous decomposition products

None known.

## 11. Toxicological information

### 11.1 Information on hazard classes according to Regulation (EC) No 1272/2008

There is no information available.

### 11.2 Information on other hazards

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## Other harmful effects

Prolonged or repeated contact with skin or mucous membranes leads to irritation symptoms such as reddening, blistering, dermatitis etc. Irritating to eyes. If inhaled: In high concentrations irritation of mucous membranes possible. After swallowing: Burns to mouth, throat, mucous membrane, oesophagus, stomach, intestines. The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

## 12. Environmental information

### 12.1 Toxicity

There is no information available.

### 12.2 Persistence and degradability

There is no information available.

### 12.3 Bioaccumulative potential

There is no information available.

### 12.4 Mobility in soil

There is no information available.

### 12.5 Results of the PBT and vPvB assessment

The substances in the mixture do not fulfil the PBT/vPvB criteria according to REACH, Annex XIII.

### 12.6 Endocrine disrupting properties

This product does not contain any substance with endocrine disrupting properties towards non-target organisms, as no ingredient fulfils the criteria.

### 12.7 Other harmful effects

There is no information available.

### 12.8 Additional ecotoxicological information

The waste water resulting from the application can be discharged into the sewage system after separation of the solids content and prior neutralisation. When discharging acidic or alkaline products into waste water systems, it must be ensured that the discharged waste water does not fall below or exceed a pH value of 6.5 - 9. This is because pH value shifts can cause faults in sewers and biological treatment plants. The local discharge guidelines apply.

## 13. Notes on disposal

### 13.1 Waste treatment processes

#### Directive 2008/98/EC (Waste Framework Directive)

Product residues are considered hazardous waste and must be labelled with the words "hazardous waste" and the waste code. Non-contaminated and completely emptied packaging can be recycled.

#### After intended use Waste codes/waste designations according to EWC/AVV

EU: Waste code (2008/98/EC): 20 01 15\* // CH: Waste code (VeVA, SR 814.610): 20 01 15 S // AT: Waste code (ÖNORM S 2100): 52402 Lye

## 14. Transport details

### 14.1 UN number or ID number

No dangerous goods in the sense of these transport regulations.

### 14.2 UN proper shipping name

No dangerous goods in the sense of these transport regulations.

### 14.3 Transport hazard classes

No dangerous goods in the sense of these transport regulations.

### 14.4 Packaging group

No dangerous goods in the sense of these transport regulations.

### 14.5 Environmental hazards

No dangerous goods in the sense of these transport regulations.

### 14.6 Special precautions for the user

None

## 15. Legislation

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture EU regulations

#### Authorisations and/or restrictions on use Restrictions on use

The product is intended for professional users.

#### Regulation (EC) No 1907/2006 (REACH), Annex XVII (Restrictions)

Use restriction according to REACH Annex XVII No. : 3

#### National regulations Water

##### hazard class

Classification according to AwSV - Class : 1 (slightly hazardous to water)

### 15.2 Chemical safety assessment

There is no information available.

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## 16. Other information

### 16.1 Change notes

None

### 16.2 Abbreviations and acronyms

None

### 16.3 Important literature references and data sources

None

### 16.4 Classification of mixtures and assessment method used according to Regulation (EC) No 1272/2008 [CLP].

There is no information available.

### 16.5 Wording of H and EUH phrases (number and full text)

H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H400	Very toxic to aquatic organisms.
H411	Toxic to aquatic life with long lasting effects.

### 16.6 Training instructions

None

### 16.7 Additional information

The information in this safety data sheet complies with national and EC legislation. However, the user's working conditions are beyond our knowledge and control. The user is responsible for compliance with all necessary legal regulations.

The information in this safety data sheet is correct to the best of our knowledge, information and belief at the date of printing. The information is intended to provide you with guidelines for the safe handling of the product mentioned in this safety data sheet during storage, processing, transport and disposal. The information is not transferable to other products. If the product is mixed, blended or processed with other materials or subjected to processing, the information in this safety data sheet cannot be transferred to the new material produced in this way, unless expressly stated otherwise.