

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 03.01.2024

Version number 1

Revision: 03.01.2024

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

- **1.1 Product identifier** F0215 // A01686 // A01685 // A01684
- **Trade name:** **IF Anti-Foam BA**
- **EINECS Number:**
Polymer
- **1.2 Relevant identified uses of the substance or mixture and uses advised
against**
- **Sector of Use** Industrial use
- **Application of the substance / the mixture** Process auxiliary agent for industrial
applications
- **Uses advised against** No further relevant information available.
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Indufarm nv
Leon Bekaertstraat 5
(B) 8770 Ingelmunster
Telephone: +32 (0)51 62 42 45
- **Further information obtainable from:** E-mail: contact@indufarm.com

· **1.4 Emergency telephone number:**

Emergency CONTACT (24-Hour-Number): +32(0)70 245 245

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
The substance 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.
- **Determination of endocrine-disrupting properties** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.1 Substances**
- **CAS No. Description**
-
- **Identification number(s)**
- **EC number:** Polymer
- **Additional information:**
According to the provisions set out in Annex II of Regulation (EC) No 1907/2006 there is no obligation
of authoring a Safety Data Sheet for this product. Therefore the identification numbers of the
substances are not stated.

DE-EN

(Contd. on page 2)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 03.01.2024

Version number 1

Revision: 03.01.2024

Trade name: IF Anti-Foam BA

(Contd. of page 1)

SECTION 4: First aid measures

· **4.1 Description of first aid measures**

· **General information:**

Immediately remove any clothing soiled by the product.

Call a physician if symptoms develop or persist.

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

· **After skin contact:**

Remove contaminated clothing and wash affected skin with soap and water.

If symptoms persist, consult a doctor.

· **After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· **After swallowing:**

Wash out mouth with water. If affected person is conscious, give a copious amount of water to drink.

Seek medical attention if symptoms occur.

· **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**

Treat according to symptoms.

SECTION 5: Firefighting measures

· **5.1 Extinguishing media**

· **Suitable extinguishing agents:**

Use fire extinguishing methods suitable to surrounding conditions.

Extinguish with carbon dioxide, dry chemical, waterspray or foam.

· **For safety reasons unsuitable extinguishing agents:**

Do not use water jet as an extinguisher, as this will spread the fire.

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

Heating or fire may produce harmful vapours/gases.

In case of fire, the following can be released:

Carbon oxides (CO_x)

· **5.3 Advice for firefighters** Evacuate area and fight fire from a safe distance.

· **Protective equipment:**

Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

· **Additional information**

Cool endangered receptacles with water spray.

Collect contaminated fire fighting water separately. It must not enter the sewage system.

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

SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

Use personal protective equipment (chapter 8).

· **6.2 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.

· **6.3 Methods and material for containment and cleaning up:**

For small spills, add an absorbent (soil if necessary) and, using a shovel, place the substance in a tightly sealed, watertight container for later disposal. In case of larger spills, contain or otherwise confine spilled product to prevent run-off into water bodies. Place spilled material in a suitable container for disposal.

(Contd. on page 3)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 03.01.2024

Version number 1

Revision: 03.01.2024

Trade name: IF Anti-Foam BA

(Contd. of page 2)

- **6.4 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.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
Provide sufficient air flow/ air extraction in the workplace.
Keep receptacles tightly sealed.
Open and handle receptacle with care.
Avoid contact with eyes and skin.
Do not eat, drink or smoke when using the product.
Wash hands thoroughly after handling.
- **Information about fire - and explosion protection:** Keep ignition sources away - Do not smoke.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Keep tightly closed in a dry, cool and well-ventilated place.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **TRGS 510 storage class:** 10
- **Further information about storage conditions:**
Store in cool, dry conditions in well sealed receptacles.
Store container in a well-ventilated place.
This product is hygroscopic.
Product becomes pasty below -5 °C.
When heated, the product remains homogeneous. No stirring necessary.
- **7.3 Specific end use(s)** Process auxiliary agent for industrial applications

SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:** Not required.
- **Additional information:** The lists that were valid at the time of the SDS authoring were used as basis.
- **8.2 Exposure controls**
Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions.
- **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.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.
Do not eat, drink or smoke when using the product.
- **Respiratory protection:**
Not necessary if room is well-ventilated.
Respiratory protection is essential in the presence of aerosols and vapours.
Respirator with gas filter and combination filter (EN 14387).
- **Hand protection**
Protective gloves

(Contd. on page 4)

Safety data sheet
 according to 1907/2006/EC, Article 31

Printing date 03.01.2024

Version number 1

Revision: 03.01.2024

Trade name: IF Anti-Foam BA

(Contd. of page 3)

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

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

The protective gloves to be used must comply with the specification of regulation (EU) 2016/425 and the resultant standard EN 374. The recommendation is only valid for the supplied product and the stated application. Special working conditions, like heat or mechanical strain, which deviate from the test conditions, can reduce the protective effect provided by the recommended glove.

· **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.

Recommended:

Nitrile rubber - NBR: thickness $\geq 0,4$ mm; breakthrough time ≥ 480 min.

Recommendation: contaminated gloves should be disposed of.

· **Penetration time of glove material**

The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed.

The determined penetration times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

· **Eye/face protection** Safety goggles with side protection

· **Body protection:** Protective work clothing

· **Thermal hazards** No special measures required.

SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**

· **General Information**

· Physical state	Liquid
· Colour:	Colourless - light yellow
· Odour:	Weak
· Odour threshold:	Not determined.
· Melting point/freezing point:	Undetermined.
· Boiling point or initial boiling point and boiling range	Undetermined.
· Flammability	Not applicable.
· Lower and upper explosion limit	
· Lower:	Not determined.
· Upper:	Not determined.
· Flash point:	>150 °C
· Auto-ignition temperature:	Not determined.
· Decomposition temperature:	Not determined.
· pH at 20 °C	5-8 (5%) (H ₂ O)
· Viscosity:	
· Kinematic viscosity	Not determined.
· Dynamic at 20 °C:	140 mPas
· Solubility	
· water:	Miscible Emulsifiable.
· Partition coefficient n-octanol/water (log value)	Not determined.
· Vapour pressure:	Not determined.
· Vapour pressure:	
· Density and/or relative density	
· Density at 20 °C:	0,97 g/cm ³

(Contd. on page 5)

Safety data sheet
 according to 1907/2006/EC, Article 31

Printing date 03.01.2024

Version number 1

Revision: 03.01.2024

Trade name: IF Anti-Foam BA

(Contd. of page 4)

- **Relative density** Not determined.
- **Vapour density** Not determined.
- **9.2 Other information** The above information is not intended for use in preparing product specifications.

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No dangerous reactions known if handled according to specifications.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
 No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** Contact with moisture.
- **10.5 Incompatible materials:**
 Oxidizing agents
 Alkalis
 Acids
- **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.
- **LD/LC50 values relevant for classification:**

 -
 Oral LD50 >5.000 mg/kg (rat) (OECD 423)
- **Skin corrosion/irritation**
 Based on available data, the classification criteria are not met.
 -
 Irritation of skin OECD 404 - skin (rabbit) (Not irritating)
- **Serious eye damage/irritation**
 Based on available data, the classification criteria are not met.
 -
 Irritation of eyes OECD 405 - eyes (rabbit) (Not irritating)
- **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.
- **Other information:** Test results of an analogous product.
- **11.2 Information on other hazards**
- **Endocrine disrupting properties**

 None of the ingredients is listed.

DE-EN

(Contd. on page 6)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 03.01.2024

Version number 1

Revision: 03.01.2024

Trade name: IF Anti-Foam BA

(Contd. of page 5)

SECTION 12: Ecological information

· **12.1 Toxicity**

· **Aquatic toxicity:**

-

EC50 >10-100 mg/l (Daphnia magna, 48 h) (OECD 202)

>10-100 mg/l (algae) (72 h)

LC50 >1-10 mg/l (Leuciscus idus, 96 h) (OECD 203)

EC10 >5.000 mg/l (Activated Sludge) (DEV-L2)

NOEC - Chronic toxicity >1 mg/l (algae) (72 h)

· **12.2 Persistence and degradability** Readily biodegradable.

· **Biological degradability:**

-

OECD 301B: >60 % (28 d)

· **Biological elimination:**

When properly introduced into adapted biological wastewater treatment plants, no disruption of the biodegradation activity of the activated sludge is expected.

· **12.3 Bioaccumulative potential** No further relevant information available.

· **12.4 Mobility in soil** No further relevant information available.

· **Other information:** Test results of an analogous product.

· **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** No further relevant information available.

SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**

· **Recommendation**

Product residues and uncleaned empty containers should be packaged, sealed, labelled and disposed of or recycled according to relevant national and local regulations. Where large quantities are concerned, consult the supplier. When uncleaned empty containers are passed on, the recipient must be warned of any possible hazard that may be caused by residues. For disposal within the EC, the appropriate code according to the European Waste List (EWL) should be used. It is among the tasks of the polluter to assign the waste to waste codes specific to industrial sectors and processes according to the European Waste List (EWL).

· **European waste catalogue**

It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the wastedisposal operator.

· **Uncleaned packaging:**

· **Recommendation:**

Packagings that may not be cleansed are to be disposed of in the same manner as the product.

Disposal must be made according to official regulations.

· **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

DE-EN

(Contd. on page 7)

Safety data sheet
 according to 1907/2006/EC, Article 31

Printing date 03.01.2024

Version number 1

Revision: 03.01.2024

Trade name: IF Anti-Foam BA

(Contd. of page 6)

SECTION 14: Transport information

- **14.1 UN number or ID number**
- **ADR/RID/ADN, IMDG, IATA** Void
- **14.2 UN proper shipping name**
- **ADR/RID/ADN, IMDG, IATA** Void
- **14.3 Transport hazard class(es)**
- **ADR/RID/ADN, ADN, IMDG, IATA**
- **Class** Void
- **14.4 Packing group**
- **ADR/RID/ADN, IMDG, IATA** Void
- **14.5 Environmental hazards:** Not applicable.
- **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.
Keep separate from food and drink.
- **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** Not applicable.
- **Named dangerous substances - ANNEX I** Substance is not listed.
- **Other regulations, limitations and prohibitive regulations**
- **LIST OF SUBSTANCES SUBJECT TO AUTHORISATION (ANNEX XIV)**
- None of the ingredients is listed.
- **Substances of very high concern (SVHC) according to REACH, Article 57**
- This product does not contain any substances of very high concern > 0.1%.
- **National regulations:**
- **Waterhazard class:** Water hazard class 1 (Assessment by list): slightly hazardous for water.
- **Youth Labor Protection Act (JArbSchG)**
Observe employment restrictions for adolescents according to §22 JArbSchG.
- **Maternity Protection Act - MuSchG** Not applicable.
- **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.

- **Classification according to Regulation (EC) No 1272/2008**
Classification based on test data of a similar product.
- **Department issuing SDS:** Product safety department
- **Contact:** E-mail: hse@levaco.com
- **Abbreviations and acronyms:**
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
GHS: Globally Harmonised System of Classification and Labelling of Chemicals

(Contd. on page 8)

Safety data sheet
according to 1907/2006/EC, Article 31

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Trade name: IF Anti-Foam BA

EINECS: European Inventory of Existing Commercial Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
SVHC: Substances of Very High Concern
vPvB: very Persistent and very Bioaccumulative

(Contd. of page 7)

— DE-EN —