

**SAFETY DATA SHEET****Fibo Clean**

SDS according to Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), Annex II-EU

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

Date issued 29.03.2017  
Revision date 04.04.2019

**1.1. Product identifier**

Product name Fibo Clean  
Article no. 400586  
GTIN No. 7039490416520

**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.3. Details of the supplier of the safety data sheet**

Company name Fibo AS  
Postal address Industriveien 2  
Postcode 4580  
City LYNGDAL  
Country Norge  
Telephone number 38 13 71 00  
Email [ordre@fibosystem.com](mailto:ordre@fibosystem.com)  
Website <http://www.fibosystem.com>

**1.4. Emergency telephone number**

Emergency telephone Telephone number: Giftinformasjonen 22 59 13 00  
Description: Giftinformasjonen

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture**

Classification according to Regulation (EC) No 1272/2008 [CLP / GHS] Aerosol 1; H222  
Aerosol 1; H229  
Skin Irrit. 2; H315

Eye Irrit. 2; H319

STOT SE 3; H336

Aquatic Chronic 2; H411

## 2.2. Label elements

### Hazard pictograms (CLP)



Signal word	Danger
Hazard statements	H222 Extremely flammable aerosol. H229 Pressurised container: May burst if heated. H315 Causes skin irritation. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. H411 Toxic to aquatic life with long lasting effects.
Precautionary statements	In general P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. Preventive measures P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211 Do not spray on an open flame or other ignition source. P251 Pressurized container: Do not pierce or burn, even after use. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves / protective clothing / eye protection / face protection. Reaction P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Storage Protect from sunlight. Do not expose to temperatures exceeding 50 °C / 122 ° F. (P410 + P412). Disposal Content / Container is delivered to approved waste disposal plants. (P501).
Other label information (CLP)	Contains Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane, acetone

## 2.3. Other hazards

Other hazards	The product contains organic solvent. Repeated exposure to organic solvents may cause damage to the nervous system and internal organs such as liver and kidneys.
---------------	---

## SECTION 3: Composition / information on ingredients

### 3.2. Mixtures

Substance	Identification	Classification	Contents
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	EC No.: 921-024-6 REACH Reg. No.: 01-2119475514-35-xxxx	Flam. Liq. 2; H225 Asp. tox 1; H304 Skin Irrit. 2; H315 STOT SE3; H336 Aquatic Chronic 2; H411	60 -80 %
Acetone	CAS No.: 67-64-1	Flam. Liq. 2; H225	15 -25 %

	EC No.: 200-662-2	STOT SE 3; H319 Eye Irrit. 2; H336 EUH 006
Propan	CAS No.: 74-98-6 EC No.: 200-827-9 Index No.: 601-003-00-5	Press. Gas (Comp.) ; H220 5-10 % Flam. Gas 1; H280
Butan	CAS No.: 106-97-8	Press. Gas (Comp.) ; H220; 2,5-5 % Flam. Gas 1; H280;
butan[1] , isobutan [2]	CAS No.: 74-28-5	Press. Gas (Comp.) ; H220; 2,5-5 % Flam. Gas 1; H280;
Carbondioxid	CAS No.: 124-38-9 EC No.: 204-696-9	Press. Gas (Comp.) ; H280; 1-2,5 %
Remarks, substance	NOTE Carbondioxid: L	
Substance comments	<p>(*) See section 16 for complete H-sentences referred to above. Administrative norm (s), if available, are listed in section 8. S = Organic solvent. L = European, professional exposure limit.</p> <p>Eye Cat. 2 Sum(Ci/S(G)CLi) = 1,9992-2,9988 Skin Cat. 2 Sum = Sum(Ci/S(G)CLi) = 5,9992-8,9988 N chronic (CAT 2) Sum = Sum(Ci/(M(chronic)i*25)*0.1*10^CATi) = 2,39968-3,59952</p> <p>Detergent: &gt; 30% ALIPHATIC HYDROCARBONS</p>	

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

General	Get medical advice/attention if you feel unwell. If medical advice is needed, have product container or label at hand. Never give an unconscious person water or similar. In case of persistent symptoms or in case of doubt about the condition of the injured person, seek medical attention. Burned skin: rinse with plenty of water until the pain ceases and then continue for 30 minutes.
Inhalation	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Skin contact	Do not use solvents or diluents. Skin cleansers can be used. Take off contaminated clothing and wash before reuse. IF ON SKIN: Wash with plenty of soap and water.
Eye contact	Remove any contact lenses. Immediately flush eyes with plenty of water (20-30 °C) until irritation ceases and for at least 15 minutes. Make sure to rinse under the upper and lower eyelids. If irritation persists, seek medical attention.
Ingestion	Give the person plenty to drink and keep the person supervised. In case of ailment: Seek medical attention immediately and bring this SDS or label. Lower head, so that any vomiting will not drain into mouth or throat.

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

General symptoms and effects	The product contains a solvent that may affect the nervous system. Symptoms may be; lack of appetite, headache, dizziness, ear sore, tingling sensations in the skin, chills, cramps, concentration difficulties, fatigue etc. Repeated exposure to
------------------------------	---

solvents may result in the skin's natural fat layer breaking down. The skin will then be more prone to absorption of harmful substances such as allergens. Irritant effects: The product contains substances that are irritant to skin or eye contact or by inhalation. Contact with irritant substances may result in contact area becoming more susceptible to absorption of harmful substances such as allergens.

### 4.3. Indication of any immediate medical attention and special treatment needed

Other information

If medical attention is sought, bring this safety data sheet.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media

Alcohol resistant foam, carbon dioxide, powder, water mist. Water jet should not be used as this may spread the fire.

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

Hazardous combustion products

If the product is exposed to high temperatures, eg. In case of fire, hazardous decomposition products may form. These are carbondioxides. Firefighters should wear suitable protective equipment. Closed containers exposed to fire, cool with water. Do not allow water from fire extinguishing to drain into sewers.

### 5.3. Advice for firefighters

Personal protective equipment

Fire-fighting personnel should wear suitable protective equipment and self-contained breathing apparatus with full face mask.

## SECTION 6: Accidental release measures

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

General measures

Avoid inhaling steam from spillage. Stock that have not ignited should be cooled with water mist. Remove if possible combustible material. Ensure adequate ventilation.

### 6.2. Environmental precautions

Environmental precautionary measures

Avoid spillage into lakes, streams, sewers, etc. Contact local environmental authorities when discharging to the environment. If necessary, make it possible to collect spillage to prevent spillage into the environment.

### 6.3. Methods and material for containment and cleaning up

### 6.4. Reference to other sections

Other instructions

See the "Disposal instructions" section on waste disposal. See section 8 for "Exposure Controls and Personal Protective Equipment" for protective measures.

## SECTION 7: Handling and storage

## 7.1. Precautions for safe handling

Handling

Smoking, food and drink are not allowed in workplaces. If necessary, make it possible to collect spillage to prevent spillage into the environment. See section 8 for "Exposure Controls and Personal Protective Equipment" for personal protection information.

## 7.2. Conditions for safe storage, including any incompatibilities

Storage

Always keep in containers of the same material as the original. Open containers must be closed properly and kept standing to avoid leakage. Store cool in a well-ventilated area away from other sources of ignition.

## 7.3. Specific end use(s)

Recommendations

This product should only be used for purposes as described in section 1.2.

## SECTION 8: Exposure controls / personal protection

### 8.1. Control parameters

Substance	Identification	Value	TWA Year
Aceton	CAS No.: 67-64-1	Comments: 125 ppm/295 mg/m <sup>3</sup>	
Propan	CAS No.: 74-98-6	Comments: 500 ppm/ 900 mg/m <sup>3</sup>	
Butan	CAS No.: 106-97-8	Comments: 250 ppm /600 mg/m <sup>3</sup>	
butan[1] , isobutan [2]	CAS No.: 74-28-5	Comments: 250 ppm / 600 mg/m <sup>3</sup>	

### DNEL / PNEC

DNEL

Group: Consumer  
Route of exposure: Long-term oral (systemic)  
Value: 62 mg/kg/day

Substance

Aceton

DNEL

**Group:** Consumer  
**Route of exposure:** Long-term inhalation (systemic)  
**Value:** 200 mg/m<sup>3</sup>

**Group:** Consumer  
**Route of exposure:** Long-term dermal (systemic)  
**Value:** 62 mg/kg bw/day

**Group:** Consumer  
**Route of exposure:** Long-term oral (systemic)  
**Value:** 62 mg/kg bw/day

**Group:** Professional  
**Route of exposure:** Long-term inhalation (systemic)  
**Value:** 1210 mg/m<sup>3</sup>

**Group:** Professional  
**Route of exposure:** Long-term dermal (systemic)

**Value:** 186 mg/kg bw/day  
**Group:** Professional  
**Route of exposure:** Acute inhalation (local)  
**Value:** 2420 mg/m³

PNEC

**Group:** Not defined  
**Route of exposure:** Soil  
**Value:** 29,5 mg/kg

**Group:** Not defined  
**Route of exposure:** Freshwater  
**Value:** 10,6 mg/l

**Group:** Not defined  
**Route of exposure:** Saltwater  
**Value:** 1,06 mg/l

## 8.2. Exposure controls

### Safety signs



### Precautionary measures to prevent exposure

Technical measures to prevent exposure

Airborne gas and dust concentrations should be kept as low as possible and below the applicable limit values (see below). Use any spot extraction if normal air flow in the work room is insufficient. Ensure visible signs of eyelids and emergency blowers.

### Eye / face protection

Suitable eye protection

Use protective glasses with sideshields.

### Hand protection

Suitable materials

Butyl

Breakthrough time

Value: > 60 minute(s)

Thickness of glove material

Value: > 0,7 mm

### Skin protection

Suitable protective clothing

Use suitable protective clothing that is EN approved Type 6 and Category III.

### Respiratory protection

Respiratory protection necessary at

If ventilation at the workplace is not sufficient, use half or full-face masks with a suitable filter or air-fed respirator. The choice depends on the specific work situation and the duration of the work with the product.

### Hygiene / environmental

Specific hygiene measures Always wash hands during breaks and at work. Keep damming materials near the workplace. If possible, collect spills during the work

## Exposure controls

Exposure controls, comments It should be controlled regularly that the stated limit values are complied with. Use normal professional hygiene. Corporate-related users are covered by the working environment legislation's rules on maximum concentrations for exposure. See occupational exposure limits.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	Aerosol
Colour	Colorless
Odour	Solvent
Flash point	Value: < 0 °C
Explosion limit	Value: 0,6 -13 %
Vapour pressure	Value: 3500 hPa
Density	Value: 0,69 g/cm <sup>3</sup>
Solubility	Medium: Water Comments: Insoluble

### 9.2. Other information

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

### 10.2. Chemical stability

Stability The product is stable under the conditions specified in section 7 on "Handling and storage"

### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions No special

### 10.4. Conditions to avoid

Conditions to avoid Avoid static electricity Do not expose to heating (eg sun), as it may develop overpressure.

### 10.5. Incompatible materials

Materials to avoid Strong acids, strong bases, strong oxidizing agents and strong reducing agents.

### 10.6. Hazardous decomposition products

Hazardous decomposition products

The product will not be broken when used as in section 1.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity

Type of toxicity: Acute  
Effect tested: LD50  
Route of exposure: Dermal  
Value: > 7400 mg/kg  
Species: Kanin  
Comments: Aceton

Type of toxicity: Acute  
Effect tested: LC50  
Route of exposure: Inhalation.  
Value: 32 mg/l  
Species: Rotte  
Comments: Aceton

Type of toxicity: Acute  
Effect tested: LD50  
Route of exposure: Oral  
Value: 5800 mg/kg  
Species: Rotte  
Comments: Aceton

### Other information regarding health hazards

Skin corrosion / irritation, other information

Irritates skin

Eye damage or irritation other information

Causes severe eye irritation.

STOT-single exposure, test results

Comments: May cause drowsiness or dizziness.

Other adverse toxicological effects

The product contains solvent, which may have an effect on the nervous system. Symptoms may be; lack of appetite, headache, dizziness, ringing in the ears, tingling sensations in the skin, chills, convulsions, difficulty concentrating, fatigue, etc. Repeated exposure to solvents may result in the skin's natural fat layer breaking down. The skin will then be more susceptible to the uptake of harmful substances such as e.g. Allergens.  
Irritant effects: The product contains substances that are irritating to skin / eye contact or by inhalation. Contact with irritant substances can result in the contact area becoming more susceptible to absorption of harmful substances such as e. g. allergens.

## SECTION 12: Ecological information

### 12.1. Toxicity

Acute aquatic, algae

Value: 7000 mg/l  
Test duration: 96 h  
Method: NOEC

Test reference: Aceton

## 12.2. Persistence and degradability

Persistence and degradability description Acetone, decomposition in the aquatic environment: Yes

## 12.3. Bioaccumulative potential

Bioaccumulative potential Acetone, Bioaccumulative potential: No

## 12.4. Mobility in soil

## 12.5. Results of PBT and vPvB assessment

PBT assessment results The mixture / product does not contain any substances that meet the criteria that classify them as PBY and / or vPvB.

vPvB evaluation results The mixture / product does not contain any substances that meet the criteria that classify them as PBY and / or vPvB.

## 12.6. Other adverse effects

Other adverse effects, comments The product contains ecotoxic substances that may have harmful effects on aquatic organisms. The product contains substances that may cause long-term adverse effects in the aquatic environment due to poor biodegradability.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Specify the appropriate methods of disposal This product is covered by the regulations on hazardous waste.

EWC waste code EWC waste code: 20 01 13 \* Solvent  
Classified as hazardous waste: Yes

Other information Packaging with residual content of the product must be disposed of in accordance with the same regulations as the product.

## SECTION 14: Transport information

Dangerous goods Yes

### 14.1. UN number

ADR / RID / ADN 1950

IMDG 1950

ICAO / IATA 1950

### 14.2. UN proper shipping name

Proper shipping name english ADR / RID / ADN AEROSOLS

ADR / RID / ADN AEROSOLS

IMDG	AEROSOLS
ICAO / IATA	AEROSOLS, FLAMMABLE

### 14.3. Transport hazard class(es)

ADR / RID / ADN	2.1
Classification code ADR / RID / ADN	5F
IMDG	2.1
ICAO / IATA	2.1

### 14.4. Packing group

### 14.5. Environmental hazards

Comments	The product contains substances that can cause long-term adverse effects in the aquatic environment due to poor degradability.
----------	--

### 14.6. Special precautions for user

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Product name	AEROSOLS, FLAMMABLE
--------------	---------------------

### Additional information

ADR / RID / ADN hazard label	2.1
IMDG Hazard label	2.1
ICAO / IATA Hazard label	2.1

### ADR / RID - Other information

Tunnel restriction code	D
Transport category	2

### IMDG / ICAO / IATA Other information

EmS	F-D, S-U
-----	----------

## SECTION 15: Regulatory information

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

Assessed restrictions	The product must not be used professionally by persons under 18 years of age. Pregnant and breastfeeding should not be exposed to effects from the product. One should therefore consider the risk and the possibility of technical measures or furnishing of the workplace to accommodate such effects.
References (laws/regulations)	Ministry of Labor and Social Affairs, Ministry of Justice and Emergency Planning, Ministry of Climate and Environment: Regulation on declaration of chemicals to

the product register (the Declaration Regulations). (FOR-2015-05-19-541) Act June 17, 2005 No. 62 on working environment, working hours and employment protection, etc. (Working Environment Act, Chapter 11. Work of children and youth).

Regulation No. 1 March 1996 No. 229 on aerosol containers.

Regulations 6 December 2011 no. 1358 on measures values and limit values for physical and chemical factors in the working environment as well as infection risk groups for biological factors (regulations on measures and limits). Last modified 21-08-2018.

Regulation 1 June 2004 no. 922 on limitation of the use of hazardous chemicals and other products (the product regulations).

Regulation 16 June 2012 No. 622 on classification, labeling and packaging of substances and preparations (CLP).

Regulation 30 May 2008 no. 516 on the registration, assessment, approval and limitation of chemicals (REACH regulations).

Regulations July 1, 2016 No. 569 on measures to prevent and limit the consequences of major accidents in enterprises where hazardous chemicals occur (the major accident regulations).

Comments

The surfactant (s) included in this mixture meet the criteria for biodegradation in Regulations 1 June 2004 no. Data that substantiate this claim is available to the appropriate authorities of the Member States and will be made available to them by direct request, or at the request of a manufacturer of detergents

## 15.2. Chemical safety assessment

Chemical safety assessment performed

No

## SECTION 16: Other information

List of relevant H-phrases (Section 2 and 3)

EUH 006 Explosive with or without contact with air.  
 H220 Extremely flammable gas.  
 H222 Extremely flammable aerosol.  
 H225 Highly flammable liquid and vapour.  
 H229 Pressurised container: May burst if heated.  
 H280 Contains gas under pressure; may explode if heated.  
 H304 May be fatal if swallowed and enters airways.  
 H315 Causes skin irritation.  
 H319 Causes serious eye irritation.  
 H336 May cause drowsiness or dizziness.  
 H411 Toxic to aquatic life with long lasting effects.

Version

2

Comments

In accordance with EU Regulation (EC) No. 1272/2008 (CLP) is the evaluation of the classification in the mixture based on:

The classification of the mixture in terms of physical hazards is based on experimental data. The classification of the mixture in the case of health hazards complies with the calculation methods described in EU Regulation No. (EC) No. 1272/2008 (CLP). The classification of the mixture with respect to environmental hazards complies with the calculation methods described in EU Regulation (EC) No.1272 / 2008 (CLP). It is recommended to disclose this safety data sheet to the actual user of the product. The above information can not be used as a

---

product specification. The information in this Safety Data Sheet applies only to the product mentioned in Section 1 and is not necessarily the debt when used with other products.