

# LACTOCLEAN FC

Code: 02036

## Material Safety Data Sheet compliant with Regulation (EC) 2015/830

Version 6.1.0

Revision: 15/07/19

Print Date : 29/07/19

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

#### 1.1. Product identifier

Trade name LACTOCLEAN FC

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the product

SLIGHTLY ALKALINE LIQUID  
CLEANING AND PREPARATION OF THE TEAT BEFORE MILKING  
IN FOAM APPLICATION

#### 1.3. Details of the supplier of the safety data sheet

Company identification

Distributed by Kilco (International) Ltd  
Broomhouses 2 Industrial Estate  
Old Glasgow Road - Lockerbie  
United Kingdom DG11 2SD

For information regarding this safety data sheet, please contact :  
regulatory@kersia-group.com

#### 1.4. Emergency telephone number

Emergency phone number

Emergency direct number ( 24 hours a day, 7 days a week ) :  
(+)1-760-476-3961  
Access code : 333021

Call NHS 111 or a doctor

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

The mixture meets the classification criteria provided for under Regulation (EC) No 1272/2008.

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Serious damage to eyes - Category 1 H318: Causes serious eye damage.

Skin irritation - Category 2 H315: Causes skin irritation.

### 2.2. Label elements

Labelling according to 1272/2008/EC Regulation:

Hazard pictograms(s) :



Signal word :

Danger

Contains : Alkyl polyglycoside C10-16+ Benzenesulfonic acid, mono-C10-14-alkyl derivs., sodium salts

Hazard statement(s) :

H315: Causes skin irritation.H318: Causes serious eye damage.

Precautionary statement(s) :

P280: Wear protective gloves/protective clothing/eye protection/face protection.P302 + P352: IF ON SKIN: Wash with plenty of soap and 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.P310: Immediately call a POISON CENTER or doctor/physician.P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

### 2.3. Other hazards

No additional information available.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

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Not applicable as this involves a mixture.

### 3.2. Mixtures

Chemical nature of the mixture : SLIGHTLY ALKALINE LIQUID

Substance(s)	CAS number(s)	EINECS number(s)	No registration REACH	Classification according to Regulation 1272/2008/EC	Type
5% <= Benzenesulfonic acid, mono-C10-14-alkyl derivs., sodium salts < 15%	85117-50-6	285-600-2		Acute Tox. 4 (oral) H302 Eye Dam. 1 H318 Skin Irrit. 2 H315	(1)
1% <= Alkyl polyglycoside C10-16 < 5%	110615-47-9	600-975-8	01-2119489418-23	Skin Irrit. 2 H315 Eye Dam. 1 H318	(1)

#### Type

- (1) : Substance classified as hazardous for health and/or the environment
- (2) : Substance with an exposure limit at the work station.
- Substance of very high concern candidate for the authorisation procedure:
- (3) : Substance considered as PBT (persistent, bioaccumulable, toxic)
- (4) : Substance considered as vPvB (very persistent, very bioaccumulable)
- (5) : Substance considered as carcinogenic category 1A
- (6) : Substance considered as carcinogenic category 1B
- (7) : Substance considered as mutagenic category 1A
- (8) : Substance considered as mutagenic category 1B
- (9) : Substance considered as reprotoxic category 1A
- (10) : Substance considered as reprotoxic category 1B
- (11) : Substance considered as endocrine disrupter

Full text of H- and EUH- phrases : see section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General indications:

Take the contaminated clothes and shoes off immediately. Wash them before wearing them again.  
In case of faintness , get medical advice/attention. Show this safety data sheet to the doctor.

#### In the event of inhalation :

Bring to fresh air.

#### In the event of contact with the skin :

Wash with plenty of soap and water.  
If skin irritation occurs: Get medical advice/attention.

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In the event of contact with the eyes :

Rinse at once with a soft stream of water for at least 15 minutes, eyes wide open.

Remove contact lenses if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER or doctor/physician.

In the event of ingestion :

Rinse mouth.

Do NOT induce vomiting.

Send to hospital.

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

Skin contact : Causes skin irritation.

Eye contact : Causes serious eye damage.

Ingestion : Irritating to mouth and digestive tract.

Inhalation : Improbable risk under the normal conditions of use.

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

Treatments : Symptomatic treatment

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media :

Agents compatible with other products involved into fire.

Water spray, powder extinguisher, foam.

Unsuitable extinguishing media :

None from our knowledge.

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

LACTOCLEAN FC is non-flammable.

### 5.3. Advice for firefighters

Wear independent respiratory equipment and protective suit.

Collect contaminated firefighting water separately, must not be discharged into the drains.

Keep containers cool by spraying with water if exposed to fire.

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### SECTION 6: Accidental release measures

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

##### 6.1.1. For non-emergency personnel :

Evacuate non-essential staff and those not equipped with individual protection apparatus.

##### 6.1.2. For emergency responders :

Evacuate the personnel to a safe location.

Keep people upwind and away from the location of the flow/leak.

Use personal protection equipment.

#### 6.2. Environmental precautions

Intervention limited to trained staff.

Do not discharge the product directly to sewer or to environment.

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

##### Small spillage :

Wash with plenty of water.

##### Large spillage :

Never return spills in original containers for re-use.

Keep in suitable, properly labelled and closed containers for disposal.

Mark out, soak up with an inert absorbant and pump in an emergency tank.

#### 6.4. Reference to other sections

Respect protective measures presented at heading 8.

Refer to section 13 for the elimination.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Do not eat, drink or smoke in work area. Avoid projections during use.

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

##### 7.2.1. Storage :

Do not store below the point of freezing.

Keep only in the original container.

Keep container closed.

Keep in a clean and dry place.

Keep away from products sensitive to alkalis.

##### 7.2.2. Packaging or wrapping materials :

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High density polyethylene recommended.

### 7.3. Specific end use(s)

No other recommendation.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Exposure limit values :

Substance	Country	Type	Value	Unit	Comments	source
Contains no substances with occupational exposure limit values.						

### 8.2. Exposure controls

According to the requirements of Directive 98/24 /EC, the employer is required to conduct a risk assessment and implement appropriate risks management measures.

\* For any situation where the absence of risk is not proven, he must consider the substitution or reduction of risk by improving in priority processes used and collective protection measures. The effectiveness of the solutions implemented will be checked by measurement in comparison to the statutory limit values for substances defined in Section 8.1.

\* If the risk remains after these corrective actions, he must always check by routinely measuring compliance with regulatory OEL if they exist in section 8.1 and apply all the individual protective measures given in section 8.2.

\* When formalized risk assessment indicates a low risk to workers' health, control of compliance with regulatory OEL may not be considered and all individual protection measures is not always mandatory.

#### 8.2.1. Appropriate engineering controls :

Ensure adequate ventilation.

#### 8.2.2. Individual protection measures, such as personal protective equipment :

Eye/face protection :

Use safety glasses with lateral protection or facial screen in conformity with the EN 166 standard.

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Hand protection :

Use chemical resistant gloves approved to EN 374.

Examples of preferred materials for insulating gloves:

Nitril.



Skin protection :

No special protection measure is required.

Respiratory protection :

None under normal conditions of use.

Thermal hazards :

Not applicable

Health measures :

Safety shower and eye wash fountain near to workplace.

After using, wash systematically all personal protective equipment.

8.2.3. Environmental exposure controls :

Do not discharge the product directly to sewer or to environment.

## SECTION 9: Physical and chemical properties

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

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Appearance	Clear liquid
Colour	Ochre
Odour	Ammoniated
Odour threshold	Not available
Pure pH	10±0.5
pH value at 10g/l	8±1
Freezing point :	-2 °C
Boiling point	100 °C
Flash point	Not applicable
Evaporation rate:	Not available
Flammability	Not applicable
Vapour pressure	Not available
Vapour density	Not available
Mass density	1.035±0.01 g/cm <sup>3</sup>
Relative density	1.035±0.01
Solubility in water	Soluble in water in all proportions
Partition coefficient: n-octanol/water	Not applicable
Auto-ignition temperature	Not applicable
Decomposition temperature	Not available
Viscosity	Not available
Explosive properties	Not applicable
Oxidising properties	Not applicable

### 9.2. Other information

No additional information.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

None under normal conditions of use.

### 10.2. Chemical stability

Stable in the recommended storage and handling conditions.

### 10.3. Possibility of hazardous reactions

Exothermic reactions with acids.

### 10.4. Conditions to avoid

Storage below the freezing point.

### 10.5. Incompatible materials

Acids.

### 10.6. Hazardous decomposition products

None to our knowledge in standard conditions of use.



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These data are given for the concentrated mixture. The use of the mixture under its diluted form must be performed in conformity with data given by the technical data sheet and the technical adviser.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Substance-related data:

###### Acute toxicity

Alkyl polyglycoside C10-16 ( 50% ) : LD 50 - oral > 2,000 mg/kg. - MSDS supplier

Alkyl polyglycoside C10-16 ( 50% ) : LD 50 - dermal (OECD 402): > 2,000 mg/kg. - MSDS supplier

###### Skin corrosion/irritation

Alkyl polyglycoside C10-16 ( 50% ) : Skin irritation (OECD 404): . Irritating - MSDS supplier

###### Serious damage to eyes/eye irritation

Alkyl polyglycoside C10-16 ( 50% ) : Eye irritation (OECD 405): . Risk of serious damage of eyes - MSDS supplier

###### Sensitisation

Alkyl polyglycoside C10-16 ( 50% ) : Skin sensitisation (OECD 406): . Not sensitising - MSDS supplier

###### Mutagenicity

Alkyl polyglycoside C10-16 ( 50% ) : (OECD 471): . Not mutagenic - MSDS supplier

###### Reproductive toxicity

Alkyl polyglycoside C10-16 ( 50% ) : (OECD 416): . Non-toxic - MSDS supplier

##### Mix-related data:

###### Acute toxicity

. Not determined

###### Skin corrosion/irritation

Skin irritation . The mixture is considered to be irritating to the skin according to the Regulation 1272/2008/EC.

###### Serious damage to eyes/eye irritation

Ocular corrosivity . Causes serious eye damage according to the criteria of Regulation 1272/2008/EC.

###### Respiratory / skin sensitisation

Skin sensitisation . The mixture is not considered as a skin sensitizer according to 1272/2008/EC Regulation.

Respiratory sensitisation . The mixture is not considered as a respiratory sensitizer according to 1272/2008/EC Regulation.

###### Mutagenicity

. The classification criteria are not met given the available data.

###### Carcinogenicity

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. The classification criteria are not met given the available data.

#### Reproductive toxicity

. The classification criteria are not met given the available data.

#### Specific target organ toxicity - single exposure

. The classification criteria are not met given the available data.

#### Specific target organ toxicity - repeated exposure

. The classification criteria are not met given the available data.

#### Aspiration hazard

. The classification criteria are not met given the available data.

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

Skin contact : Causes skin irritation.

Eye contact : Causes serious eye damage.

Ingestion : Irritating to mouth and digestive tract.

Inhalation : Improbable risk under the normal conditions of use.

## SECTION 12: Ecological information

### 12.1. à 12.4. Toxicity - Persistence and degradability - Bioaccumulative potential - Mobility in soil

#### Substance-related data:

##### Acute toxicity

Alkyl polyglycoside C10-16 ( 50% ) : LC 50 fishes 1 - 10 mg/L. - MSDS supplier

Alkyl polyglycoside C10-16 ( 50% ) : bacterias (OECD 209): > 100 mg/L. - MSDS supplier

Alkyl polyglycoside C10-16 ( 50% ) : EC 50 daphnia (OECD 202): 10 - 100 mg/L. - MSDS supplier

Alkyl polyglycoside C10-16 ( 50% ) : EC 50 algae 10 - 100 mg/L. - MSDS supplier

##### Degradability

Alkyl polyglycoside C10-16 ( 50% ) : Ultimate aerobic biodegradability (OECD): > 60 %. Easily biodegradable. - MSDS supplier

Alkyl polyglycoside C10-16 ( 50% ) : Biodegradability . This surfactant comply with biodegradability criteria as defined in (EC) regulation n° 648/2004 on detergents. - MSDS supplier

##### Bioaccumulation

Alkyl polyglycoside C10-16 ( 50% ) : . Not bioaccumulative - MSDS supplier

#### Mix-related data :

Acute toxicity

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fishes . Not determined  
daphnia . Not determined  
algae . Not determined

#### CHRONIC TOXICITY

. No data available.

#### Degradability

. The surface agents contained in this mix are in line with the requirements of the Detergent Regulation 648/2004/EC.

#### Bioaccumulation

. No data available.

#### Mobility

. No data available.

#### Conclusion :

The mixture is not considered to be dangerous for the environment according to 1272/2008/EC Regulation.

#### 12.5. Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB

#### 12.6. Other adverse effects

No additional information available.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### Treatment of the mixture :

Do not discharge the product directly to sewer or to environment.

Comply with Directive 2008/98/EC of 19/11/2008 amended, relating to waste and to Decision 2000/532/EC (amended ultimately by Decision 2014/955/EC) that establishes a list of hazardous waste that must be taken to an approved centre.

##### Packaging treatment :

Rinse thoroughly the packaging with water and treat the effluent like wastes.

Comply with Directive 2008/98/EC of 19/11/2008 amended, relating to waste and to Decision 2000/532/EC (amended ultimately by Decision 2014/955/EC) that establishes a list of hazardous waste that must be taken to an approved centre.

### SECTION 14: Transport information

#### ROAD TRANSPORT:

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Rail/Route (RID/ADR)

UN no :

UN proper shipping name : Not concerned

Transport hazard class(es) :

Packing group :

Hazard code :

Label :

Tunnel code :

Environmental hazard : No

Special precautions for user : No information.

Limited Quantity (QL):

#### MARITIME TRANSPORT :

IMDG

UN no :

UN proper shipping name : Not concerned

Transport hazard class(es) :

Packing group :

Marine pollutant : No

Special precautions for user : No information.

EmS number :

Comply with the provisions of the IMDG on the physical separation of materials.

Limited Quantity (QL):

Transport in bulk according to Annex II of MARPOL and the IBC Code :

Not concerned

## SECTION 15: Regulatory information

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

Regulations relating to the hazards from major accidents :

SEVESO 3 Directive (2012/18/EC) : Not concerned

Regulations relating to the classification, packing and labelling of substances and mixes :

Regulation 1272/2008/EC amended.

Waste regulations :

2008/98/EC Directive amended by 2015/1127/EC Directive - Regulation 1357/2014/EC

Decision 2014/955/EC which establishes the list of hazardous waste.

Protection of workers :

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Directive 98/24/EC of 07/04/1998 on the protection of the health and safety of workers from the risks related to chemical agents at work.

Regulation 850/2004/EC on persistent organic pollutants and modifying Directive 79/117/EC : Not applicable

Regulation 1005/2009/EC amended on substances that deplete the ozone layer : Not applicable

Regulation (EC) 648/2004 :

In conformity with the regulation in force on detergents: Regulation (EC) N° 648/2004.

Ingredient datasheet for the medical staff is available upon written request.

Contains :

5-15% Anionic surfactants

< 5% Non-ionic surfactants

2-methyl-2H-isothiazol-3-one, 1,2-benzisothiazol-3(2H)-one

Comply with national and local legislation.

#### 15.2. Chemical safety assessment

No

#### SECTION 16: Other information

The safety data sheet is additional to the technical data sheet but does not replace it. The information given here in is to the best of our knowledge correct and is given in good faith. We must also draw the user's attention on potential risks of the product is used for other purposes for which the product is known.

In no way does it exempt users from being aware of and complying with regulations applicable to their activity. It is their sole responsibility to take all necessary precautions in accordance to the usage of the product they are aware of.

Regulations are only stated in order to help users fulfill the duties involved in the use of the product.

This description should not be considered as exhaustive. It does not exempt users from ensuring if other demands need to be complied with-according to other laws than the ones hereby stated and applicable to holding and usage of the product-demands for which they will remain sole responsibility.

Section(s) modified compared with the previous version :

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

List of H phrases referred to in sections 2 and 3 :

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H302 : Harmful if swallowed.

H315 : Causes skin irritation.

H318 : Causes serious eye damage.

Sources of key data used to compile the data sheet :

MSDS supplier

Historical :

Version 6.1.0

Cancels and replaces previous version 6.0.