

Safety Data Sheet
according to Regulation (EU) No. 1907/2006

Print date:

Revision date: 01.07.2011

Revision no.: 1,00

Lactospray

1. Identification of the substance/preparation and of the company/undertaking

Identification of the substance or preparation

LactoSpray

Use of the substance/preparation

Disinfectant

Company/undertaking identification

Manufacturer

GEA Farm Technologies Ltd.

Wylle Works, Watery Lane, Bishopstrow,

GB Warminster, Wiltshire BA12 9HT

Telephone: + 44 (0)1985216444

Responsible Department:

Emergency telephone : +44 (0) 870 190 6777 (GEA Farm Technologies)

2. Hazards identification

Explication of special hazards for human health and environment

Not classified as dangerous according to directive 1999/45/EC.

3. Composition/information on ingredients

Chemical characterization (Mixture)

Aqueous solution

Hazardous components

EC-No.	CAS-No.	Chemical name	Quantity	Classification
500-234-8	9004-82-4	Sodium lauryl sulfate ethoxylate	< 5 %	Xi R36/38
273-086-2	68937-75-7	Fatty acids, C8-C10	< 5 %	C R34

Full text of each relevant R phrase can be found in heading 16.

4. First aid measures

General information

Remove and wash contaminated clothing before re-use.

Consult a physician.

After inhalation

Move to fresh air in case of accidental inhalation of fumes from overheating or combustion.

If you feel unwell, seek medical advice.

After contact with skin

Wash with water and soap as a precaution.

Consult a doctor if skin irritation persists.

After contact with eyes

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Seek medical treatment by eye specialist.

After ingestion

Rinse out mouth and give plenty of water to drink.

Never give anything by mouth to an unconscious person.

Safety Data Sheet
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Lactospray

Consult a physician.

5. Fire-fighting measures

Suitable extinguishing media

Product does not burn, fire-extinguishing activities according to surrounding.

Extinguishing media which must not be used for safety reasons

Full water jet.

Special exposure hazards arising from substance or preparation itself, combustion products, resulting gases

Fire may produce:

Irritant/corrosive, flammable as well as toxic distillation gases (carbonization gases).

Special protective equipment for fire-fighters

Wear self-contained breathing apparatus and protective suit.

Additional information

Cool containers at risk with water spray jet.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

6. Accidental release measures

Personal precautions

Ensure adequate ventilation.

Suppress gases/vapours/mists with water spray jet

Use personal protective clothing.

Avoid contact with skin, eyes and clothing.

Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

Methods for cleaning up/taking up

Take up with absorbent material (e.g. kieselguhr).

Shovel into suitable container for disposal.

7. Handling and storage

Handling**Advice on safe handling**

Keep container tightly closed.

Keep a good ventilation and air-exhaust at the place of work.

Avoid contact with skin, eyes and clothing.

Advice on protection against fire and explosion

No special protective measures against fire required.

Storage**Requirements for storage rooms and vessels**

Keep containers tightly closed in a dry, well-ventilated place.

Advice on storage compatibility

Incompatible with bases.

Further information on storage conditions

Keep away from food, drink and animal feeding stuffs.

8. Exposure controls/personal protection

Exposure limit values

Safety Data Sheet
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Revision no.: 1,00

Lactospray

Exposure limits (EH40)

CAS-No.	Chemical name	ml/m ³	mg/m ³	F/ml	Category	Origin
56-81-5	Glycerol, mist	-	10		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL



Occupational exposure controls

Ensure adequate ventilation, especially in confined areas.

Protective and hygiene measures

Wash hands before breaks and at the end of workday.

When using, do not eat, drink or smoke.

Avoid contact with skin, eyes and clothing.

Remove and wash contaminated clothing before re-use.

Respiratory protection

No personal respiratory protective equipment normally required.

Hand protection

Protective gloves resistant to chemicals made off natural-rubber latex, Minimum coat thickness 0.6 mm, Permeation resistance (wear duration) approx. 240 minutes, i.e. protective glove <Lapren 706> made by www.kcl.de.

This recommendation refers exclusively to the chemical compatibility and the lab test conforming to EN 374 carried out under lab conditions.

Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

Eye protection

Tightly fitting goggles.

Eye wash bottle with pure water.

Skin protection

Long sleeved clothing.

9. Physical and chemical properties

General information

Physical state: Viscous liquid

Colour: Dark green

Odour: Odourless

Important health, safety and environmental information

pH-Value (at 20 °C):

2,1 - 4,0

Test method

Changes in the physical state

Flash point:

n.a.

Lower explosion limits:

n.a.

Upper explosion limits:

Density (at 25 °C):

1,025 - 1,035 g/cm³

Safety Data Sheet
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Lactospray

Water solubility:
(at 20 °C)

Completely miscible

Other information

Ignition temperature:

n.a.

10. Stability and reactivity

Conditions to avoid

To avoid thermal decomposition, do not overheat.

Exothermic reaction with: Bases

Materials to avoid

Bases

Hazardous decomposition products

Not known

Additional information

No decomposition if stored and applied as directed.

11. Toxicological information

Empirical data on effects on humans

Due to the low pH value the possibility of strong irritations in contact with skin, eyes or mucous membranes can not be excluded.

Ingestion causes irritation of upper respiratory system and gastrointestinal disturbance.

If appropriately handled and if in accordance with the general hygienic rules, no damages to health have become known.

12. Ecological information

Further information

Do not flush into surface water or sanitary sewer system.

Low hazard to waters.

13. Disposal considerations

Advice on disposal

Disposal in accordance with local regulations.

14. Transport information

Other applicable information

No hazardous material as defined by the transport regulations.

15. Regulatory information

Labelling

Additional advice on labelling

According to EC-regulations the product is to be labelled as follows:

Special labelling for certain preparations

Safety data sheet available for professional user on request.

EU regulatory information

1999/13/EC (VOC):

0 %

National regulatory information

Water contaminating class (D):

1 - slightly water contaminating

Safety Data Sheet
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Revision no.: 1,00

Lactospray

16. Other information

Full text of R-phrases referred to under sections 2 and 3

34 Causes burns.

36/38 Irritating to eyes and skin.

Further Information

The information in this Safety Data Sheet refer to the concentrate, not to the ready to use solution.

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

(n.a. = not applicable; n.d. = not determined)

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)