

Sera Gal C-FTC

PLDC120

000010073341

Version 1.0 / D / EN Revision Date: 06.01.2012

generated on: 06.01.2012

Page 1/7

1) Identification of the substance/preparation and company

Sera Gal C-FTC

PLDC120

Use pattern :
Textile auxiliary

DyStar Colours Distribution GmbH

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D - 65926 Frankfurt am Main

Telephone no. 49(0)69/2109 - 3172

Telefax no. 49(0)69/2109 - 3000

MSDS@DyStar.com

Emergency telephone number: 49(0)214/3099300

2) Hazards identification

Possible Hazards according Directive 67/548/EEC or 1999/45/EC

No labelling is required in accordance with the EEC directives.

3) Composition/information on ingredients

Chemical characterization

Sulfosuccinate, polyacrylates

Hazardous Ingredients (GHS) according Regulation (EC) 1272/2008

Butyl diglycol

Content:	< 2 %	Eye Irrit. 2
EC number :	603-096-00-8	
CAS number :	112-34-5	

sodium-di-alkyl-sulfosuccinate

Content:	< 4 %	Eye Dam. 1
EG-Number	209-406-4	Skin Irrit. 2
CAS number :	577-11-7	

Hazardous Ingredients according Directive 1999/45/EC

Butyl diglycol

Content:	< 2 %	Hazard symbols: Xi
EC number :	603-096-00-8	R phrases: 36
CAS number :	112-34-5	

sodium-di-alkyl-sulfosuccinate

Content:	< 4 %	Hazard symbols: Xi
EG-Number	209-406-4	R phrases: 38 - 41
CAS number :	577-11-7	

Sera Gal C-FTC

PLDC120

000010073341

Version 1.0 / D / EN Revision Date: 06.01.2012

generated on: 06.01.2012

Page 2/7

4) First aid measures

General information: Change soaked clothing. Avoid contact with the concentrated product.

After inhalation: If the patient feels unwell, seek medical advice.

After contact with skin: After contact with skin, wash immediately with plenty of water and soap.

After contact with eyes: Contamination of the eyes must be treated by thorough irrigation with water, with the eyelids held open. Eventually a doctor (or eye specialist) should be consulted.

After ingestion: Consult a doctor. Do not induce vomiting.

Treatment: Show the physician the safety data sheet.

5) Fire-fighting measures

Suitable extinguishing media: Adapt extinguishing measures to the conditions surrounding the fire., carbon dioxide, foam, dry powder, sprayed water jet

Extinguishing media that must not be used for safety reasons: water jet

Special protective equipment for firefighting: Fire brigade protection clothes. Use self-contained breathing apparatus.

Further information: According to fire conditions the formation of health damaging materials cannot be excluded.

6) Accidental release measures

Personal precautions: Wear recommended protective equipment. When handling observe the usual precautionary measures for chemicals. Provide good ventilation.

Environmental precautions: Do not let it get into surface water/ground water. Capture contaminated water and dispose. Prevent entry into drains, waters or soil. Contamination of environment should be avoided.

Methods for cleaning up/taking up: Sample with liquid binding materials (e.g. sand, diatomaceous earth) and collect in container. Prevent spread over a wide area (e.g. by containment or oil barriers). Dispose contaminated material as waste according to chapter 13.

Additional information: not necessary No dangerous products are liberated.

7) Handling and storage

Advice on safe handling: Wear prescribed protective clothing.
Pay attention to safety rules.

Sera Gal C-FTC

PLDC120

000010073341

Page 3/7

Version 1.0 / D / EN Revision Date: 06.01.2012

generated on: 06.01.2012

Advice on protection against fire and explosion: not necessary

Requirements for storage rooms and vessels: Requirements on the storage quality according to WGK: 2

Further information on storage conditions: Keep container tightly closed. Protect from heat and direct sunlight. Stir well before testing or using. Do not store product unter +3 °C and over +35 °C.

Storage class: 12 Non-combustible liquids

Storage stability: not determined

8) Exposure controls/personal protection

Additional advice on system design: De-aeration and cleaning of exhaust air should be provided.

Ingredients with occupational exposure limits to be monitored

contains: **Butyl diglycol**

MAK value : 10 ppm 67 mg/m³

most tolerable limit category I

Pregnancy Group C

There is no reason to fear a risk of damage to the developing embryo or fetus when the MAK value is adhered to.

Consider pregnancy group.

General protective measures: Avoid contact with eyes and skin.

Keep away from food, drink and animal feeding stuffs.

Wash hands before breaks and at end of work and use skin-protecting ointment.

Do not eat, drink or smoke at work.

We recommend the following protective equipment:

Respiratory protection : Provide good ventilation.

Hand protection : Wear suitable gloves e.g. of nitrile rubber. In the event of contamination, change protective gloves immediately. Avoid skin contact with the wetted surfaces of the protective gloves.

Eye protection : tightly fitting safety glasses

Body protection : Working clothes

9) Physical and chemical properties

Form : liquid

Colour : milky white

Odour : mild

Sera Gal C-FTC

PLDC120

000010073341

Version 1.0 / D / EN Revision Date: 06.01.2012

generated on: 06.01.2012

Page 4/7

Melting point	not determined
Boiling range :	approx. 100 °C
Flash point :	> 100 °C
Ignition temperature :	> 100 °C
self ignition :	not self-igniting
flammability :	not determined
Lower explosion limit :	not determined
Upper explosion limit :	not determined
Vapour pressure :	not determined
Density :	approx. 1,12 g/cm ³ (20 °C) Method : DIN 51757
Bulk density :	not determined
Solubility in water :	100 g/l (20 °C) miscible
pH value :	6 - 7
Octanol/water partition coefficient (log Pow) :	not determined
Viscosity (dynamic) :	not determined
Viscosity (kinematic) :	not determined
Viscosity (flow time) :	not determined
Further information (phys.-chem.)	not necessary
Combustion number :	not determined

10) Stability and reactivity

Thermal decomposition No thermal decomposition when stored and handled correctly.

Hazardous reactions: No hazardous reaction when used as directed.

Hazardous decomposition products: Not applicable

For avoidable conditions: not necessary

Sera Gal C-FTC

PLDC120

000010073341

Page 5/7

Version 1.0 / D / EN Revision Date: 06.01.2012

generated on: 06.01.2012

For avoidable materials: not necessary

11) Toxicological information

Acute oral toxicity :	LD50 > 2.000 mg/kg (rat)
Acute inhalation toxicity :	not determined
Acute dermal toxicity :	not determined
Irritant effect on skin :	non-irritant (rabbit)
Irritant effect on eyes :	non-irritant (rabbit eye)
Sensitization :	not determined
Repeated dose toxicity	not determined
Mutagenicity:	not determined
Teratogenicity :	not necessary
Carcinogenicity :	not necessary

Remarks : The concentrated product causes degreasing of skin. The product is not harmful to health when handled appropriately and used as prescribed, according to our experience and knowledge. No known sensitizing effect.

12) Ecological information

Physico-chemical eliminability :	not determined
Biodegradability :	> 80 % Readily biodegradable (according to OECD criteria) Method : OECD 301 F BOD 28
Biodegradability :	60 - 65 % Method : OECD 302 B COD decrease, If regulations are followed when introducing effluent into biological waste water treatment plants, no adverse effect on the degradation activity of activated sludge is to be expected., OECD 301 F - the 10 - days-window will be reached
Behaviour in environmental compartments:	not determined
Fish toxicity :	LC50 > 10 mg/l (Leuciscus idus) Method : OECD 203
Daphnia toxicity :	EC50 > 10 mg/l (Daphnia magna) Method : OECD 202

Sera Gal C-FTC

PLDC120

000010073341

Page 6/7

Version 1.0 / D / EN Revision Date: 06.01.2012

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Algae toxicity : not determined

Bacteria toxicity : not determined

Dissolved Organic carbon (DOC) : not determined

Chemical oxygen demand (COD) : not determined

Biochemical oxygen demand (BOD5): not determined

Remarks: The product should not be allowed to reach either ground or open waters.
Self-commitment of TEGEWA on the classification of textile chemicals in accordance to their relevance to waste-water : ARS II : relevant to waste-water
Product does not add to the AOX-value of the sewage. (DIN EN 1485)
The product does not contain heavy metals in concentrations of concern for waste water.

13) Disposal considerations

Product: May be disposed of according to the local regulations (systematic dump or burning).

Uncleaned packaging: Empty totally and clean. Water with addition of cleaning media. ,

14) Transport information

ADR	Non-hazardous goods
ADNR	Non-hazardous goods
RID	Non-hazardous goods
IMDG	Non-hazardous goods
IATA_C	Non-hazardous goods
IATA_P	Non-hazardous goods

15) Regulatory information

No labelling is required in accordance with the EEC directives.

TA-Luft (Ger.) : Not applicable

Water Hazard Class (Ger.) : WGK 2 - impairment of water quality WGK = Classification in accordance with the German Water Resources Act Annex 4 VwVwS (Germany) dated Mai, 17th 1999

16) Other information

Text of all R phrases referred to in sections 2 and 3:

36	Irritating to eyes.
38	Irritating to skin.

Sera Gal C-FTC

PLDC120

000010073341

Page 7/7

Version 1.0 / D / EN Revision Date: 06.01.2012

generated on: 06.01.2012

41

Risk of serious damage to eyes.

This information is based on our present state of knowledge. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application.