

Safety Data Sheet

in accordance with regulation (EC) No 1907/2006 (EC No 453/2010)



Sera Sperse M-IS liquid

IBCS1000

000010031002

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SECTION 1: Identification of the substance/preparation and company

1.1 Product identifier

Sera Sperse M-IS liquid IBCS1000

1.2 Relevant Identified uses of the substance or mixture and uses advised against

Use pattern :
Textile auxiliary

1.3 Details of the supplier of the safety data sheet

DyStar Colours Distribution GmbH

Am Prime Park 10-12
D - 65479 Raunheim

Telephone no. +49 6142 4072 3172
Telefax no. +49 6142 4072 3000
MSDS@DyStar.com

1.4 Emergency telephone number

Emergency telephone number: +49 2365 4984140

SECTION 2: Hazards identification

2.1 Classification of the Substance or Mixture

According to regulation (EC) 1272/2008 on classification, labelling and packaging of substances and mixtures

Causes skin irritation.
Causes serious eye irritation.

Classification of the Substance or Mixture

Serious eye damage/eye irritation: Irritating to eyes, Cat. 2
Skin corrosion/irritation: Irritant, Cat. 2

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

Irritating to eyes and skin.

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2.2 Label elements

Pictograms:



exclamation mark

Signal word:

Warning

Hazard Statements:

H315 Causes skin irritation.

H319 Causes serious eye irritation.

Precautionary Statements (Prevention):

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statements (Response):

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.

Precautionary Statements (Storage):

P404 Store in a closed container.

Precautionary Statements (Disposal):

P501 Dispose of contents/container to waste treatment in accordance with national regulations.

2.3 Other hazards

If applicable in this section are given hazards which are not part of the overall classification but can contribute to the hazards which may be associated with the substance or mixture.

not applicable

SECTION 3: Composition/information on ingredients

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3.1 Substances

Not applicable

3.2 Mixtures

Chemical characterization

Naphthalenesulfonic acid-formaldehyde-polycondensate, sodium salt

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

Formaldehyde-naphthalenesulfonic acid condensate sodium salt		Eye Irrit. 2	H319
Content:	$\geq 30 - \leq 40 \%$	Skin Irrit. 2	H315
CAS number :	9084-06-4		

Hazardous Ingredients according Directive 1999/45/EC

Formaldehyde-naphthalenesulfonic acid condensate sodium salt		Hazard symbols: Xi
Content:	$\geq 30 - \leq 40 \%$	R phrases: 36/38
CAS number :	9084-06-4	

SECTION 4: First aid measures

4.1 Description of first aid measures

General information: Take off immediately all contaminated clothing.

After inhalation: Upon inhalation of aerosol/vapour/dust: Take the patient into the fresh air; if there is difficulty in breathing, medical advice is required.

After contact with skin: Cleansing with plenty of water, soap or other non-irritating cleansing agents.

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: If the product is swallowed, the patient must at once drink water repeatedly, if possible with the addition of activated carbon. If the patient feels unwell, seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed

Please see hazard statements in section 2.2 if given and information in this section if stated.

4.3 Indication of any immediate medical attention and special treatment needed

Please see precautionary statements in section 2.2 as well as first aid information in this section if stated.

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SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media: Water spray, CO2, foam, dry powder.

Extinguishing media that must not be used for safety reasons: not determined

5.2 Special hazards arising from the substance or mixture

not determined

5.3 Advice for firefighters

Special protective equipment for firefighting: Firemen have to wear self-contained breathing apparatus.

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

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: Use the necessary personal protection equipment during any work.

6.2 Environmental precautions

Environmental precautions: Do not empty into drains or waters.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up/taking up: Take up with absorbent material and fill into a closable container.

6.4 Reference to other sections

Additional information: For further disposal measures see chapter 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling: Close container immediately after use, avoid excessive heat.
Do not allow to dry out.

Advice on protection against fire and explosion: No special measures against fire or explosion required.

7.2 Conditions for safe storage, including any incompatibilities

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Requirements for storage rooms and vessels: Store sealed in original container in a cool place.

Storage class: not determined

Storage stability: not determined

7.3 Specific end use(s)

not determined

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with occupational exposure limits to be monitored :
Not applicable

8.2 Exposure controls

General protective measures: Do not breathe vapour/spray. Avoid contact with eyes and skin. Take off immediately all contaminated clothing.

Hygiene measures: Do not eat, drink or smoke at work.
Wash hands before breaks and at end of work and use skin-protecting ointment.
Keep away from food and drink stuffs.

Respiratory protection : not necessary

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

Eye protection : safety glasses with side protection shield

Body protection : Wear protective clothing.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form : not determined

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Colour :	not determined
Odour :	not determined
Melting point	not determined
Boiling point :	approx. 100 °C
Flash point :	> 100 °C
Ignition temperature :	not determined
flammability :	not determined
Lower explosion limit :	not determined
Upper explosion limit :	not determined
Vapour pressure :	not determined
Density :	approx. 1 g/cm3
Solubility in water :	not determined
pH value :	not determined
Octanol/water partition coefficient (log Pow) :	not determined
Viscosity (dynamic) :	not determined
Viscosity (kinematic) :	not determined
Viscosity (flow time) :	not determined

9.2 Other information

Combustion number :	not determined
Dust explosion class :	not determined
Bulk density :	not determined
Further information (phys.-chem.)	not necessary

SECTION 10: Stability and reactivity

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10.1 Reactivity

No hazardous reactions when stored and handled according to prescribed instructions.

10.2 Chemical stability

Thermal decomposition not determined

10.3 Possibility of hazardous reactions

Hazardous reactions: not determined

Hazardous decomposition products: Not applicable

10.4 Conditions to avoid

For avoidable conditions: not necessary

10.5 Incompatible materials

For avoidable materials: not necessary

10.6 Hazardous decomposition products

Not applicable

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute oral toxicity : > 2.000 mg/kg (rat)

Acute inhalation toxicity : not determined

Acute dermal toxicity : not determined

Irritant effect on skin : Mod. irritant (rabbit)

Irritant effect on eyes : Mod. irritant (rabbit eye)

Sensitization : not determined

Repeated dose toxicity not determined

Mutagenicity: not determined

Teratogenicity : not necessary

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Carcinogenicity : not necessary

SECTION 12: Ecological information

12.1 Toxicity

Fish toxicity : LC50 > 100 mg/l (96 h)

Daphnia toxicity : not determined

Algae toxicity : not determined

Bacteria toxicity : not determined

12.2 Persistence and degradability

Physico-chemical eliminability : not determined

Biodegradability : Information on biodegradation processes is available.

Behaviour in environmental compartments: not determined

Dissolved Organic carbon (DOC) : not determined

Chemical oxygen demand (COD) : not determined

Biochemical oxygen demand (BOD5): not determined

Remarks: not determined

12.3 Bioaccumulative potential

not determined

12.4 Mobility in soil

not determined

12.5 Results of PBT and vPvB assessment

not determined

12.6 Other adverse effects

not determined

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SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product: This material and its container must be disposed off in a safe manner.

Uncleaned packaging: not determined

SECTION 14: Transport information

ADR	Non dangerous goods
ADNR	Non dangerous goods
RID	Non dangerous goods
IMDG	Non dangerous goods
IATA_C	Non dangerous goods
IATA_P	Non dangerous goods

14.1 UN number

See above entry at the respective regulation.

14.2 UN proper shipping name

See above entry at the respective regulation.

14.3 Transport hazard class(es)

See above entry at the respective regulation.

14.4 Packing group

See above entry at the respective regulation.

14.5 Environmental hazards

See above entry at the respective regulation.

14.6 Special precautions for user

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No transport in bulk according to Annex II of MARPOL 73/78 and the IBC code foreseen for this substance or mixture.:

SECTION 15: Regulatory information

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

Labelling according Directive 67/548/EEC or 1999/45/EC:

Hazard symbols: Xi Irritant

R36/38 : Irritating to eyes and skin.

TA-Luft (Ger.) : Not applicable

Water Hazard Class (Ger.) : WGK 1 - slightly hazardous to water WGK = Classification in accordance with the German Water Resources Act

15.2 Chemical safety assessment

not determined

SECTION 16: Other information

Text of all shortcuts referred to in sections 2 and 3:

Xi	Irritant
36/38	Irritating to eyes and skin.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
Eye Irrit. 2	Serious eye damage/eye irritation: Irritating to eyes, Cat. 2
Skin Irrit. 2	Skin corrosion/irritation: Irritant, Cat. 2

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.