

Lava Sperse KKC conc

PLDC120

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1) Identification of the substance/preparation and company

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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

Irritating to eyes.

3) Composition/information on ingredients

Chemical characterization

fatty alcohol ethoxylate, aqueous preparation

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

fatty alcohol ethoxylated

Content:	< 5 %	Eye Irrit. 2
CAS number :	9043-30-5	Skin Irrit. 2

alkyl ethoxylates

Content:	5 - 9 %	Acute Tox. 4 (oral)
CAS number :	69011-36-5	Eye Dam. 1

Hazardous Ingredients according Directive 1999/45/EC

fatty alcohol ethoxylated

Content:	< 5 %	Hazard symbols: Xi
CAS number :	9043-30-5	R phrases: 36/38

alkyl ethoxylates

Content:	5 - 9 %	Hazard symbols: Xn
CAS number :	69011-36-5	R phrases: 22 - 41

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4) 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: In case of eye contact rinse carefully and thoroughly with water and seek medical advice.

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.

5) Fire-fighting measures

Suitable extinguishing media: water mist, foam, dry powder, CO2

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

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.

6) Accidental release measures

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

Environmental precautions: Do not empty into drains or waters.

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

Additional information: For further disposal measures see chapter 13.

7) Handling and storage

Advice on safe handling: Close container immediately after use, avoid excessive heat.

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

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

Storage class: 10 Combustible liquids not listed in class 3A or 3B

Storage stability: not determined

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8) Exposure controls/personal protection

Ingredients with occupational exposure limits to be monitored :
Not applicable

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 : combination filter, e.g. DIN 3181 ABEK, if product forms vapours.

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.

9) Physical and chemical properties

Form :	liquid
Colour :	white
Odour :	characteristic
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. 1,01 g/cm ³ (20 °C)

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Bulk density :	not determined
Solubility in water :	miscible
pH value :	4 - 5
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
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 :	irritant (rabbit eye)
Sensitization :	not determined
Repeated dose toxicity	not determined
Mutagenicity:	not determined
Teratogenicity :	not necessary

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Carcinogenicity : not necessary

12) Ecological information

Physico-chemical eliminability : not determined

Biodegradability : not determined

Behaviour in environmental compartments: not determined

Fish toxicity : LC50 10 - 100 mg/l (96 h, *Leuciscus idus*)
Method : OECD 203

Daphnia toxicity : EC50 > 10 - 100 mg/l (48 h, *Daphnia magna*)
Method : OECD 202

Algae toxicity : not determined

Bacteria toxicity : EC10 > 1.000 mg/l
Method : OECD 209

Dissolved Organic carbon (DOC) : not determined

Chemical oxygen demand (COD) : not determined

Biochemical oxygen demand (BOD5): not determined

Remarks: 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: If utilisation or recycling of the product is not possible, it should be disposed of according to the local regulations and laws, e. g. by incineration in a suitable plant.

European Waste Catalogue (EWC) code: 040215 wastes from finishing other than those mentioned in 04 02 14

Uncleaned packaging: Soiled, empty containers are to be treated in the same way as the contents.

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

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15) Regulatory information

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

Hazard symbols: Xi Irritant

contains: alkyl ethoxylates

R36 : Irritating to eyes.

S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S39 : Wear eye/face protection.

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

16) Other information

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

22 Harmful if swallowed.
36 Irritating to eyes.
41 Risk of serious damage to eyes.
36/38 Irritating to eyes and skin.

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.