

Lava Fin 936

PLDC120

000010072374

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1) Identification of the substance/preparation and company

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Use pattern :
Textile auxiliary

DyStar Colours Distribution GmbH

Industriepark Höchst, Gebäude B598

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

Hazard warning not required.

3) Composition/information on ingredients

Chemical characterization

Polyvinyl Alcohol

CAS No : 9002 –89 - 5

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: 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.

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

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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: 12 Non-combustible liquids

Storage stability: not determined

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.

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Eye protection : safety glasses with side protection shield

Body protection : Wear protective clothing.

9) Physical and chemical properties

Form :	liquid
Colour :	colourless
Odour :	weak odour
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. 1,1 g/cm ³
Bulk density :	not determined
Solubility in water :	miscible
pH value :	6 - 8 (20 g/l)
Octanol/water partition coefficient (log not determined Pow) :	
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

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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 : non-irritant (rabbit eye)

Sensitization : not determined

Repeated dose toxicity not determined

Mutagenicity: not determined

Teratogenicity : not necessary

Carcinogenicity : not necessary

12) Ecological information

Physico-chemical eliminability : not determined

Biodegradability : > 90 %
Method : OECD 302 B

Biodegradability : 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.

Behaviour in environmental
compartments: not determined

Fish toxicity : LC50 > 500 mg/l (96 h, guppy (*Lebistes reticulatus*))
Method : OECD 203

Daphnia toxicity : not determined

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Algae toxicity : not determined

Bacteria toxicity : EC50 > 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

15) Regulatory information

No labelling is required in accordance with the EEC directives.

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

16) Other information

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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.