

Safety data sheet

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



Lava Fin VA 53

PLDC120

000010026036

Version 2.2 / D / EN Revision Date: 21.01.2015

replaces version: 2.1 on 31.07.2013

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SECTION 1: Identification of the substance/preparation and company

1.1 Product identifier

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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

No labelling is required in accordance with GHS directives.

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

No labelling is required in accordance with the EEC directives.

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

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SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Chemical characterization

Aqueous dispersion of copolymer of vinylacetate and ethylene

Not applicable

SECTION 4: First aid measures

4.1 Description of first aid measures

General information: Change soaked clothing.

After inhalation: No special measures required.

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

After contact with eyes: Rinse with water or using a eye rinsing bottle for 15 minutes, visit the eye physician.

After ingestion: 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.

Treatment: Show the physician the safety data sheet.

Treatment: Show the physician the safety data sheet.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

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Suitable extinguishing media: All extinguishing materials are suitable., Adapt extinguishing measures to the conditions surrounding the fire., Product is not combustible.

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: Fire brigade protection clothes. Use 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: No special measures required.

6.2 Environmental precautions

Environmental precautions: Prevent entry into drains, waters or soil.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up/taking up: Dispose contaminated material as waste according to chapter 13. Sample with liquid binding materials (e.g. sand, diatomaceous earth) and collect in container.

6.4 Reference to other sections

Additional information: High risk of slipping due to leakage/spillage of product.

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.

Further information on storage conditions: - sensitive to frost -

Storage class: 12 Non-combustible liquids

Storage stability: not determined

7.3 Specific end use(s)

not determined

SECTION 8: Exposure controls/personal protection

8.1 Specific end use(s)

8.2 Exposure controls

General protective measures: When handling observe the usual precautionary measures for chemicals. Keep away from food, drink and animal feeding stuffs.

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

When using do not eat, drink or smoke.

We recommend the following protective equipment:

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

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Form :	liquid
Colour :	white
Odour :	mild
Boiling range :	100 °C
self ignition :	not self-igniting
flammability :	not determined
Lower explosion limit :	not determined
Upper explosion limit :	not determined
Vapour pressure :	23 hPa (20 °C)
Density :	1,07 g/cm ³ (20 °C) Method : DIN 51757
Solubility in water :	(20 °C) miscible
pH value :	4 - 5 (20 °C, 600 g/l)
Octanol/water partition coefficient (log not determined Pow) :	
Viscosity :	2.800 - 4.800 mPa.s (23 °C) Method : Brookfield
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

No thermal decomposition when stored and handled correctly.

10.3 Possibility of hazardous reactions

Hazardous reactions: Hazardous decomposition products: Fire carbon monoxide acetic acid No decomposition if applied properly.

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 : LD50 > 2.000 mg/kg (rat)
Method : LD50

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

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Teratogenicity : not necessary

Carcinogenicity : not necessary

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

SECTION 12: Ecological information

12.1 Toxicity

Algae toxicity : not determined

Bacteria toxicity : EC10 > 1.000 mg/l (0,5 h, activated sludge micro-organism)
Method : EC10

12.2 Persistence and degradability

Physico-chemical eliminability : not determined

Biodegradability : 95 - 98 %
Readily biodegradable (according to OECD criteria)
Method : OECD 302 B
COD decrease, The product is ready biodegradable.

Behaviour in environmental compartments: not determined

Dissolved Organic carbon (DOC) : not determined

Chemical oxygen demand (COD) : 1.076 mg/g

Biochemical oxygen demand (BOD5): 29 mg/g

Remarks: The product does not contain heavy metals in concentrations of concern for waste water.
According to recipe product contains no AOX-containing substances.
Product does not add to the AOX-value of the sewage. (DIN EN 1485)

12.3 Bioaccumulative potential

not determined

12.4 Mobility in soil

not determined

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12.5 Results of PBT and vPvB assessment

not determined

12.6 Other adverse effects

not determined

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product: Must be disposed of by special means according to local rules and regulations.

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

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

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Avoid temperatures below 0 °C.

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

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

No labelling is required in accordance with the EEC directives.

TA-Luft (Ger.) : number/class : Classification according to the German Technical Guideline-Air: Number 5.2.5 - Organic gases, general guidance

Water Hazard Class (Ger.) : WGK 1 - slightly hazardous to water WGK = Classification in accordance with the German Water Resources Act Annex 3 VwVwS (Germany) dated Mai, 17th 1999

Other regulations: Self-commitment of TEGEWA on the classification of textile chemicals in accordance to their relevance to waste-water : ARS I : Less relevant to waste-water

15.2 Chemical safety assessment

not determined

SECTION 16: Other information

This data sheet has to be accessible to the technical staff all the time.

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

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.