

Trade name: DUBRON Natural Dispersion Paint No. 412
Revision date: 04.01.2012
Print date: 24.01.12

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name: DUBRON Natural Dispersion Paint No. 412
Article number: 412

1.2. Relevant identified uses

Interior wall paint.

1.3. Details of the supplier of the safety data sheet

Manufacturer:

LIVOS Pflanzenchemie GmbH & Co KG
Auengrund 10
D – 29568 Wieren
Email: info@livos.de

Information contact: LIVOS +49 (0)5825-88-0

1.4. Emergency Telephone Number:

+49 (0)30-30686-717 (Advice centre for poisoning, Berlin, 24h, German and English)

2. Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008 [CLP/GHS]

The preparation is not dangerous in the sense of the guideline.

Classification according to 67/548/EEC or 1999/45/EC

The preparation is not dangerous in the sense of the guideline.

2.2. Label elements

Not applicable.

Hazardous components for labelling

Not applicable

Hazard statements

Not applicable

Precautionary statements

P102 Keep out of reach of children

2.3. Hazardous components for labelling

Contains limonene. Can cause allergic reactions.

3. Composition/information on ingredients

3.1. Substances

This product is a mixture.

3.2. Mixtures

Description: Preparation of water, chalk, titan dioxide, talcum, bees wax-soap, soya oil – natural resin ester, methyl cellulose, borax, boric acid, silver chloride and citron oil.

Hazardous ingredients

BORAX; CAS-No.: 1303-96-4, ENECS: 215-540-4

Percent: < 2 %

Classification according to 1272/2008/EC: Repr. 1B, H360FD; Eye Irrit., H319;

Classification according to 67/548/EEC: Xi, R36; T, R60, 61;

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BORIC ACID; CAS-Nr.: 10043-35-3, ENECS: 233-139-2

Percent: < 2 %

Classification according to 1272/2008/EC: Repr. 1B, H360FD;

Classification according to 67/548/EEC: T, R60, 61;

4. First aid measures

4.1. Description of first aid measures

General information:

Remove clothing contaminated by the product.

In case of inhalation:

Not applicable.

In case of skin contact:

Wash the skin area with water and soap.

In case of eye contact:

Flush immediately and thoroughly with plenty of water until the irritation diminishes. In case of persistent eye irritation, visit your optician.

In case of ingestion:

Give plenty of water to drink. Consult a physician if problems persist.

5. Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media:

The product is not flammable. Co-ordinate the extinction measures with the environment.

Unsuitable extinguishing media:

No restriction.

5.2. Special hazards arising from the substance or mixture

Not applicable.

5.3. Advice for fire-fighters

Not applicable.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Not applicable.

6.2. Environmental precautions:

Do not allow to enter water bodies or drains.

6.3. Methods and material for containment and cleaning up

Leaked material must be picked up/gathered mechanically.

7. Handling and storage

7.1. Precautions for safe handling

Protective measures

Not applicable.

Precautions against fire and explosion:

Not applicable.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

Store cool and dry. Do not store below +5°C. Protect against heat and direct exposure to the sun.

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Hints on storage assembly:

Not applicable.

7.3. Further information

Not applicable.

8. Exposure controls/personal protection**8.1. Exposure controls****Appropriate engineering controls**

No further information. See also section 7.

8.2. Personal protection equipment**Respiratory protection**

Not applicable.

Hand protection

Wear protective gloves according to EN 374. Suitable material: nitriles rubber. Layer thickness of 0.1 mm.
Breakthrough time of the glove material >30 min..

Eye protection

Safety glasses with side protection according to EN 166:2001, especially when decanting.

Protective clothing for the body

Not applicable.

9. Physical and chemical properties**9.1. Information on basic physical and chemical properties****Appearance**

Physical state: paste-like
Color: white
Odor: mild

Security related information

Risk of explosion: No
Explosion limits:
Lower: n.a.
Upper: n.a.
Vapour pressure at 20°C: n.a.
Density at 20°C: appr. 1.47 g/ml
Viscosity at 20°C: appr. 50dPas
Water solubility: Yes
pH-value: 7.7
Melting point / range: n.a.
Boiling temperature / boiling range: n.a.
Flash point: n.a.
Ignition temperature: n.a.

10. Stability and reactivity**10.1. Reactivity**

The product shows no dangerous reactions.

10.2. Hazardous decomposition products

No hazardous decomposition products known.

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11. Toxicological information

11.1. Information on toxicological effects

In case of inhalation:

Not applicable.

In case of skin contact:

Not applicable.

In case of eye contact:

Not applicable.

In case of ingestion:

Not applicable.

Practical experience:

According to the general experience there are no other hazards expected than those which are already mentioned on the label. Watch out for possible allergic reactions to particular agents.

12. Ecological information

12.1. Toxicity

Aquatic toxicity:

No further relevant information available.

12.2. Persistence and degradability

No further relevant information available.

12.3. Bioaccumulative potential

No further relevant information available.

12.4. Mobility in soil

No further relevant information available.

12.5. Results of PBT and vPvB assessment

No further relevant information available.

12.6. General information:

Do not allow to enter groundwater, water bodies or drains.

13. Disposal considerations

13.1. Waste treatment methods:

The following advice relates to the product that has been left on and not on further processed products.

When mixed with other products, other disposal methods may be required.

Recommendations

Dispose of waste according to applicable local, state, and federal regulations.

Waste code

08 01 20 Aqueous suspensions that contain paints or varnish other than those falling under 08 01 19.

Packaging

Contaminated packaging must be completely empty and properly cleaned before it can be re-cycled.

14. Transport information

ADR/RID and GGVSEB (cross-border/inland): Non-dangerous goods within the meaning of the transport regulations.

ADR/ RID-GGVS/ E Class:

Cypher/letter:

UN-Number:

Kemmler number:

Marine transport IMDG/GGVSee: Non-dangerous goods within the meaning of the transport regulations.

IMDG/GGVSee-Class:

UN-Number:

Packaging group:

MP:

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Proper technical name:
Air transport ICAO-TI and IATA-DRG: Non-dangerous goods within the meaning of the transport regulations.
ICAO/IATA-class: -

15. Regulatory information

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

EU – regulations

Verordnung (EG) Nr. 648/2004 (detergents):

Not applicable

National regulations (Germany)

Water Endangerment class

WGK 1 (German Water Hazards Classes, self-classification): weakly water-endangering.

Solvent regulation (31. BImSchV)

VOC-Content: 0 % (calculated)

15.2. Chemical safety assessment

The mixture did not undergo a safety assessment.

16. Other information

Key literature references and sources of data

Regulations

Preparation directive (1999/45/EC), as last amended by regulation (EC) No. 1907/2006.

Substance directive (67/548/EEC), as last amended by directive 2009/2/EC.

REACH-regulation (EC) No. 1907/2006, as last amended by regulation (EU) No. 253/2011.

CLP-regulation (EC) No. 1272/2008, as last amended by regulation (EU) No. 286/2011.

Internet

<http://www.baua.de>

<http://www.arbeitssicherheit.de>

<http://gestis.itrust.de>

<http://www.gischem.de>

Exact wording of the R-phrases mentioned under Point 2 and 3

According to regulation (EC) No. 1272/2008:

Repr. 1B, H360FD Reproductive toxicity Category 1B, May damage fertility. May damage the unborn child.

Eye Irrit., H319 Eye irritation, Causes serious eye irritation

According to regulation (EEC) No. 67/548:

R 36 Irritating to eyes.

R 60 May impair fertility.

R 61 May cause harm to the unborn child.

Data Sheet issued by:

Department: Product safety

The information described in this datasheet refers exclusively to the characteristics and safety requirements of this particular product. They cannot apply however any longer, if the product is mixed with other materials or is used during a different process. The statements correspond to our knowledge and experiences at the indicated time. However, no guarantee for soundness, reliability and completeness is given. The user must make sure of all the facts, so that all specifications for his respective use are suitable and complete.