
SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier****Name of product** miDori WP 3.0**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of the Substance/Mixture** Textile dyes, finishing and impregnating products; including bleaches and other processing aids**Uses advised against** Private households (=general public, =consumers)**1.3. Details of the supplier of the safety data sheet****Company/Undertaking Identification** Beyond Surface Technologies AG, Güterstrasse 19, 4133 Pratteln
Phone + 41 61821 3986 (only available at office hours)
E-Mail (competent person): ehs@beyondst.com**1.4. Emergency telephone number** 145 / +41 44 251 51 51 (Tox Info Suisse)**Issuing date** 01.06.2019**Version** 1 (Supersedes version: n.a.)

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008** The substance or mixture is not classified.

In accordance with Regulation (EC) No. 1272/2008, the product does not need to be classified nor labelled.

Additional information For the full text of the phrases mentioned in this Section, see Section 16.**2.2. Label elements****Signal Word** -**Hazard Statements** None.**Precautionary statements** None.**Supplemental information** None.**Product identifier** None.**2.3. Other hazards** None known.

SECTION 3: Composition/information on ingredients**3.2. Mixtures**

Aqueous emulsion.

Hazardous impurities None known.

SECTION 4: First aid measures**4.1. Description of first aid measures**

Inhalation	No special measures required.
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If symptoms persist, call a physician.
Eye contact	Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.
Ingestion	Clean mouth with water and drink afterwards plenty of water.

4.2. Most important symptoms and effects, both acute and delayed The product contains no substances known to be hazardous to health in concentrations which need to be taken into account.

4.3. Indication of any immediate medical attention and special treatment needed Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If symptoms persist, call a physician.

SECTION 5: Firefighting measures**5.1. Extinguishing media**

Suitable extinguishing media Use dry chemical, CO₂, water spray or alcohol foam.

Extinguishing media which must not be used for safety reasons High volume water jet.

5.2. Special hazards arising from the substance or mixture The product itself does not burn. In case of fire hazardous decomposition products may be produced such as: Carbon dioxide (CO₂), carbon monoxide (CO).

5.3. Advice for firefighters

Special protective equipment for firefighters Standard procedure for chemical fires. Wear self-contained breathing apparatus and protective suit.

Specific methods Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water mist may be used to cool closed containers.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Advice for non-emergency personnel Avoid contact with skin and eyes. Ensure adequate ventilation. Use personal protective equipment.

Advice for emergency responders Use personal protective equipment.

6.2. Environmental precautions Do not flush into surface water or sanitary sewer system. Do not allow material to contaminate ground water system.

6.3. Methods and material for containment and cleaning up Clean up promptly by sweeping or vacuum. After cleaning, flush away traces with water. Keep in suitable and closed containers for disposal.

6.4. Reference to other sections See chapter 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling No special technical protective measures required. Avoid contact with skin and eyes. Wear personal protective equipment. General industrial hygiene practice. When using, do not eat, drink or smoke. Wash hands and exposed skin before eating, drinking or smoking and after work.

7.2. Conditions for safe storage, including any incompatibilities Store at room temperature in the original container (15-30°C). Sensitive to heat over 40°C. Keep container tightly closed. Freezing will affect the physical condition. Thaw and mix before using. Keep away from oxidising agents and strongly acid or alkaline materials. Storage Class 12

7.3. Specific end use(s) Use only in accordance with our recommendations.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters**

Exposure limit(s) No data is available on the product itself.

8.2. Exposure controls

Appropriate engineering controls No special protective equipment required.

Personal protection equipment

Respiratory protection In case of good ventilation, no personal respiratory protective equipment required. In case of insufficient ventilation wear suitable respiratory equipment.

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<i>Hand protection</i>	PVC disposable gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).
<i>Eye protection</i>	Safety glasses with side-shields conforming to EN166.
<i>Skin and body protection</i>	Choose body protection according to the amount and concentration of the dangerous substance at the work place.
<i>Thermal hazards</i>	No special measures required.
Environmental exposure controls	Prevent product from entering surface water or sewage.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Off-white.
Odour	Mild.
Odour Threshold	Not determined.
pH:	4.5 – 6.5
Melting point/range:	ca. 0 °C
Boiling point/range:	ca. 100 °C
Flash point:	> 100 °C
Evaporation Rate:	Not determined.
Flammability:	Not determined.
Explosion limits:	Not determined.
Vapour pressure:	23 hPa (20°C / Water)
Vapor density:	Not determined.
Relative density:	ca. 1.0 g/cm ³
Water solubility:	miscible
Partition coefficient (n-octanol/water):	Not determined.
Autoignition temperature:	none
Decomposition temperature:	Not determined.
Viscosity:	2 - 15 cP @ 25°C
Explosive properties:	not hazardous
Oxidising properties:	None

9.2. Other information

General Product Characteristics No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity	No hazards to be specially mentioned.
10.2. Chemical stability	No decomposition if used as directed.
10.3. Possibility of hazardous reactions	No hazards to be specially mentioned.

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10.4. Conditions to avoid	Do not freeze. Do not expose to temperatures above 40 °C. Burning can produce obnoxious and toxic vapors and fumes.
10.5. Incompatible materials	None.
10.6. Hazardous decomposition products	None under normal use.

SECTION 11: Toxicological information**11.1. Information on toxicological effects**

Acute toxicity	LD50/oral > 5000 mg/kg LD50/dermal > 5000 mg/kg Calculation method.
Skin corrosion/irritation	No skin irritation. Bridging principles
Serious eye damage/eye irritation	No eye irritation. Bridging principles
Respiratory / Skin Sensitisation	Classification not possible from current data.
Carcinogenicity	Based on available data, the classification criteria are not met.
Germ cell mutagenicity	Classification not possible from current data.
Reproductive toxicity	Classification not possible from current data.
Specific target organ toxicity (single exposure)	No data available.
Specific target organ toxicity (repeated exposure)	No data available.
Aspiration hazard	No data available.
Human experience	This product has no known adverse effect on human health.

SECTION 12: Ecological information

12.1. Toxicity	LC50/96h/Fisch > 5000 mg/l (Oncorhynchus mykiss) EC50/48h/Daphnie > 4000 mg/l (Mysidopsis bahia) IC0 / bacteria: > 10000 mg/l (Pseudomonas putida) Bridging principles. No data is available on the product itself.
12.2. Persistence and degradability	Readily biodegradable. Zahn-Wellens Test: > 92 % (5 d) Chemical Oxygen Demand (COD) = 180 mg/l. Biological Oxygen Demand (BOD) = 116 mg/l.
12.3. Bioaccumulative potential	Does not bioaccumulate.
12.4. Mobility in soil	No data available.

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No information available.

12.6. Other adverse effects

Do not allow material to contaminate ground water system.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Waste from residues / unused products**

Dispose of in accordance with local regulations.

Contaminated packaging

Dispose of as unused product. Offer rinsed packaging material to local recycling facilities.

SECTION 14: Transport information**ADR/RID**

Not regulated.

IMDG

Not regulated.

IATA

Not regulated.

Further Information

Not classified as dangerous in the meaning of transport regulations.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Regulatory Information**

Water contaminating class (WGK Germany) = 1.

15.2. Chemical safety assessment

Not required.

SECTION 16: Other information**Revision Note**1st version

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Key or legend to abbreviations and acronyms

ACGIH: American Conference of Industrial Hygienists
CLP: Classification according to Regulation (EC) No. 1272/2008 (GHS)
DSD/DPD: Classification acc. to EU 67/548/EEC or 1999/45/EC
VOC: Volatile organic compounds (VOC) content
DNEL: Derived No Effect Level.
LOAEC: Lowest Observed Adverse Effect Concentration
NOAEC: No Observed Adverse Effect Concentration
NOAEL: No observed adverse effect level.
OECD: Organisation for Economic Co-operation and Development
OEL: Occupational Exposure Limits for Hazardous Agents in the Workplace
OSHA: Occupational Safety and Health Administration (USA)
PNEC: Predicted No Effect Concentration.
PEC: Predicted exposure concentration.
PEL: Permissible Exposure Limit
MAK: Occupational exposure limit.
STEL: Short Term Exposure Limit
TLV: Threshold limit value
TWA: time weighted average
WEL: workplace exposure limit

Classification procedure

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008. Expert judgement and weight of evidence determination.

Full text of phrases referred to under sections 2 and 3

None.

Further information

Take notice of the direction of use on the label / technical data sheet.

Instructions for use

For industrial application only.

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release. It is not to be considered a warranty or quality specification. This safety data sheet only contains information relating to safety and does not replace any product information.

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