
SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier****Name of product** miDori RP 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** 01.02.2020**Version** 2 (Supersedes version: 1)

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.**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** EUH210: Safety data sheet available on request.**Product identifier** None.**2.3. Other hazards** None known.

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

Liquid mixture.

Components		CLP Classification	Product identifier
3-Methoxy-3-methylbutanol	1% - <10%	Eye Irrit. 2 H319	CAS-No.: 56539-66-3 EC-No.: 260-252-4
For the full text of the phrases mentioned in this Section, see Section 16.			

Hazardous impurities

None known.

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

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

Inhalation

This product does not contain substances classified as hazardous for inhalation, however, in case of symptoms of intoxication remove the person affected from the exposure area and provide with fresh air. Seek medical attention if the symptoms get worse or persist.

Skin contact

Wash with water and soap as a precaution. Consult a physician for severe cases.

Eye contact

Rinse eyes thoroughly with water for at least 15 minutes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, as this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

Ingestion

Clean mouth with water and drink afterwards plenty of water. Prevent vomiting if possible. If swallowed, seek medical advice immediately and show this container or label.

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

None known.

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

Suitable extinguishing media	Product is non-flammable under normal conditions of storage, manipulation and use. In the case of inflammation as a result of improper manipulation, storage or use preferably use polyvalent powder extinguishers (ABC powder), In accordance with the Regulation on fire protection systems. IT IS NOT RECOMMENDED to use tap water as an extinguishing agent.
Extinguishing media which must not be used for safety reasons	High volume water jet.
5.2. Special hazards arising from the substance or mixture	As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.
5.3. Advice for firefighters	
Special protective equipment for firefighters	Depending on the magnitude of the fire it may be necessary to use full protective clothing and individual respiratory equipment. Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.
Specific methods	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Additional provisions	Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Destroy any source of ignition. In case of fire, refrigerate the storage containers and tanks for products susceptible to inflammation, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Advice for non-emergency personnel	Isolate leaks provided that there is no additional risk for the people performing this task. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Evacuate the area and keep out those who do not have protection. This product is not classified as hazardous to the environment. However, keep product away from drains, surface and underground water.
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6.2. Environmental precautions	This product is not classified as hazardous to the environment. Keep product away from drains, surface and underground water.
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6.3. Methods and material for containment and cleaning up	Clean up promptly by sweeping or vacuum Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.
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6.4. Reference to other sections	See chapter 8 and 13.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe manipulation: Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used. Technical recommendations for the prevention of fires and explosions: Product is non-flammable under normal conditions of storage, manipulation and use. It is recommended to transfer at slow speeds to avoid the generation of electrostatic charges that can affect flammable products. Consult section 10 for information on conditions and materials that should be avoided. Technical recommendations to prevent ergonomic and toxicological risks: Do not eat or drink during the process, washing hands afterwards with suitable cleaning products. Technical recommendations to prevent environmental risks: It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)

7.2. Conditions for safe storage, including any incompatibilities

Store at room temperature in the original container. Keep at temperatures between 5 and 30 °C. Keep away from heat. Keep away from direct sunlight. Take precautionary measures against static discharges. Keep away from food, drink and animal feedingstuffs.

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. Substances whose occupational exposure limits have to be monitored in the work environment

3-methoxy-3-methylbutan-1-ol
CAS: 56539-66-3
EC: 260-252-4

Czech Republic - Occupational
Exposure Limits - Ceilings: 200 mg/m3 Ceiling

DNEL

Workers:

	Schort exposure		Long exposure	
	Systemic	Local	Systemic	Local
Oral	n.a.	n.a.	n.a.	n.a.
Dermal	n.a.	n.a.	2 mg/kg	n.a.
Inhalation	n.a.	n.a.	5,9 mg/m3	n.a.

General population:

	Schort exposure		Long exposure	
	Systemic	Local	Systemic	Local
Oral	n.a.	n.a.	0.5 mg/kg	n.a.
Dermal	n.a.	n.a.	1.2 mg/kg	n.a.
Inhalation	n.a.	n.a.	1.7 mg/m3	n.a.

PNEC: n.a.

*** 8.2. Exposure controls**

Appropriate engineering controls General industrial hygiene practice. Ensure adequate ventilation, especially in confined areas. Regular cleaning of equipment, work area and clothing.

Personal protection equipment

Respiratory protection In case of insufficient ventilation wear suitable respiratory equipment. Breathing apparatus needed only when aerosol or mist is formed. Espirator with combination filter for vapour/particulate (EN 14387).

Hand protection 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). As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.

Eye protection Avoid contact with eyes. Safety glasses with side-shields.

Skin and body protection Wear suitable working clothes.

Thermal hazards No special measures required.

Environmental exposure controls Prevent product from entering surface water or sewage.

Volatile organic compounds With regard to Directive 2010/75/EU, this product has the following characteristics:
V.O.C. (Supply): 1,98 % weight
V.O.C. density at 20 °C: 19,9 kg/m³ (19,9 g/L)
Average carbon number: 6
Average molecular weight: 118,2 g/mol

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

Appearance	Liquid.
Colour	White. Milky.
Odour	Characteristic.
Odour Threshold	Not determined.
pH:	5.5 – 6.5 at 5 %
Melting point/range:	Not determined.
Boiling point/range:	Not determined.
Flash point:	(non-flammable) >60 °C
Evaporation Rate:	not determined
Flammability:	Not determined.
Explosion limits:	not determined
Vapour pressure:	Not determined.
Vapor density:	Not determined.
Relative density:	990 - 1020 kg/m ³
Water solubility:	Not determined.

Partition coefficient (n-octanol/water):	Not determined.
Autoignition temperature:	none
Decomposition temperature:	Not determined.
Viscosity:	Not determined.
Explosive properties:	not hazardous
Oxidising properties:	None

9.2. Other information

General Product Characteristics	No information available.
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SECTION 10: Stability and reactivity

10.1. Reactivity	No hazardous reactions are expected because the product is stable under recommended storage conditions.
10.2. Chemical stability	Chemically stable under the conditions of storage, handling and use.
10.3. Possibility of hazardous reactions	Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.
10.4. Conditions to avoid	Vapours in contact with fire or red-hot surfaces may form decomposition products with highly irritating and warning effects.
10.5. Incompatible materials	Incompatible with strong acids and bases.
10.6. Hazardous decomposition products	Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO ₂), carbon monoxide and other organic compounds.

* SECTION 11: Toxicological information

11.1. Information on toxicological effects

The experimental information related to the toxicological properties of the product itself is not available

Acute toxicity	LD50/oral/rat > 5000 mg/kg. Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for consumption. For more information see section 3.
Skin corrosion/irritation	Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
Serious eye damage/eye irritation	Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for consumption. For more information see section 3.
Respiratory / Skin Sensitisation	Acute toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for inhalation. For more information see section 3.

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Carcinogenicity	Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for consumption. For more information see section 3.
Germ cell mutagenicity	Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for consumption. For more information see section 3.
Reproductive toxicity	Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for consumption. For more information see section 3.
Specific target organ toxicity (single exposure)	Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for consumption. For more information see section 3.
Specific target organ toxicity (repeated exposure)	Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for consumption. For more information see section 3.
Aspiration hazard	Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for consumption. For more information see section 3.
Human experience	This product has no known adverse effect on human health.

*** SECTION 12: Ecological information**

12.1. Toxicity	Information concerning the product itself: Fish toxicity: LC50 > 100 mg/l danio rerio (96h). Toxicity to microorganisms: EC50 > 100 mg/l, daphnia magna (48 h) Other experimental information related to the eco-toxicological properties of the product itself is not available
12.2. Persistence and degradability	>50%
12.3. Bioaccumulative potential	Does not bioaccumulate.
12.4. Mobility in soil	No data available.
12.5. Results of PBT and vPvB assessment	Product fails to meet PBT/vPvB criteria
12.6. Other adverse effects	No information available.

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

Waste from residues / unused products	Dispose of in accordance with local regulations.
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Contaminated packaging	Offer rinsed packaging material to local recycling facilities.
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SECTION 14: Transport information

ADR/RID	Not regulated.
IMDG	Not regulated.
IATA	Not regulated.
Further Information	None.

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

Regulatory Information	The product is classified and labelled according to Regulation (EC) No. 1272/2008. Water contaminating class (WGK Germany) = 1. Storage class 13. (CH) VOC = 1.98 % (2010/75/EU)
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15.2. Chemical safety assessment	Not required.
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SECTION 16: Other information

Revision Note	Section containing revised data are indicated with *
Key or legend to abbreviations and acronyms	ACGIH: American Conference of Industrial Hygienists CLP: Classification according to Regulation (EC) No. 1272/2008 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.

Full text of phrases referred to under sections 2 and 3

H319: Causes serious eye irritation.

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.

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