



# MATERIAL SAFETY DATA SHEET

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Diluent for Mythic 22 (HM22-003-10)

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

No further relevant information available.

Application of the substance / the mixture : For Laboratory, Research or Manufacturing use.

### 1.3. Details of the supplier of the safety data sheet

Manufacturer:

**Orphée S.A.**

19 chemin du Champ-des-Filles

CH-1228 Plan-les-Ouates / Geneva

SWITZERLAND

+48 22 4907701

### 1.4. Emergency telephone number

Emergency telephone number: 112

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

The product is not classified according to the CLP regulation.

### 2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008 : Void

Hazard pictograms : Void

Signal word : Void

Hazard statements : Void

### 2.3. Other hazards

Results of PBT and vPvB assessment

PBT : Not applicable.

vPvB : Not applicable.



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## SECTION 3: Composition/information on ingredients

### 3.1. Substances

No applicable.

### 3.2. Mixtures

**Description:**

Mixture of the substances with harmless additions.

**Additional information:**

For the wording of the listed risk phrases refer to section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

- **General information** No special measures required.
- **After inhalation** Supply fresh air; consult doctor in case of symptoms.
- **After skin contact** The product is not skin irritating.
- **After eye contact** Rinse opened eye for several minutes under running water.
- **After swallowing** In case of persistent symptoms consult doctor.

### 4.2. Most important symptoms and effects, both acute and delayed

No further relevant information available.

### 4.3. Indication of any immediate medical attention and special treatment needed

No further relevant information available.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**- Suitable extinguishing agents:**

CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

**- For safety reasons unsuitable extinguishing agents** Water with a full water jet.

### 5.2. Special hazards arising from the substance or mixture

No further relevant information available.

### 5.3. Advice for firefighters

**Protective equipment:** No special measures required.



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## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Not required.

### 6.2. Environmental precautions

Dilute with plenty of water.

### 6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

### 6.4. Reference to other sections

No dangerous materials are released.  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for information on disposal.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

No special precautions necessary if used correctly.  
- **Information about protection against explosions and fires:** no special requirements

### 7.2. Conditions for safe storage, including any incompatibilities

- **Storage**  
- **Requirements to be met by storerooms and containers:** No special requirements.  
- **Information about storage in one common storage facility:** Not required.  
- **Further information about storage conditions:** None.

### 7.3. Specific end use(s)

No further relevant information available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Components with critical values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Additional information:** The lists that were valid during the compilation were used as basis.



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## 8.2. Exposure controls

### - Personal protective equipment

### - General protective and hygienic measures

The usual precautionary measures should be adhered to in handling the chemicals.

- **Breathing equipment:** Not required.

### - Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

### - Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

### - Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:** Safety glasses recommended during refilling.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>General information</b>	
<b>Appearance :</b>	
<b>Form:</b>	<i>Fluid</i>
<b>Colour:</b>	<i>According to product specification</i>
<b>Smell:</b>	<i>characteristic</i>
<b>Odour threshold :</b>	<i>no data available</i>
<b>pH value:</b>	<i>no data available</i>
<b>Change in conditions:</b>	
<b>Melting point/Melting range</b>	<i>0[°C]</i>
<b>Boiling point/Boiling range</b>	<i>100[°C]</i>
<b>Flash point:</b>	<i>no data available</i>
<b>Ignition temperature:</b>	
<b>Decomposition temperature:</b>	<i>No determined.</i>
<b>Self-inflammability:</b>	<i>Product is not selfigniting.</i>
<b>Danger of explosion</b>	<i>Product is not explosive</i>



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Critical values for explosion	
Lower:	<i>Not determined</i>
Upper:	<i>Not determined</i>
Steam pressure at 20 °C	23 [hPa]
Density at 20 °C	1 [g/cm <sup>3</sup> ]
Relative density	<i>Not determined.</i>
Vapour density	<i>Not determined.</i>
Evaporation rate	<i>Not determined.</i>
Solubility in / Miscibility with	
Water:	<i>Fully miscible</i>
Partition coefficient (n-octanol/water)	<i>Not determined.</i>
Viscosity:	
dynamic:	<i>Not determined.</i>
kinematic:	<i>Not determined.</i>

## 9.2. Other information

No further relevant information available.

VOC in [g/l] : 521.7

VOC in % : 0.20

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No data available.

### 10.2. Chemical stability

**Thermal decomposition / conditions to be avoided:** Heat, boiling temperatures.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known.

### 10.4. Conditions to avoid

No further relevant information available.

### 10.5. Incompatible materials

No further relevant information available.

### 10.6. Hazardous decomposition products

No dangerous decomposition products known.



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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

- **Acute toxicity**

- **Primary irritant effect:**

- **Skin corrosion/irritation** No irritant effect.

- **Serious eye damage/irritation** No irritant effect.

- **Respiratory or skin sensitization** No sensitizing effect known.

- **Additional toxicological information:**

The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

## SECTION 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

**Additional ecological information:**

- **General notes:**

Generally not hazardous for water.

### 12.5. Results of PBT and vPvB assessment

**PBT:** Not applicable.

**vPvB:** Not applicable.

### 12.6. Other adverse effects

No further relevant information available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

- **Recommendation**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

- **Uncleaned packagings:**

- **Recommendation:** Disposal must be made according to official regulations.

- **Recommended cleaning agent:** Water, if necessary with cleaning agent.



## SECTION 14: Transport information

### 14.1. UN number

- ADR, ADN, IMDG, IATA : Void

### 14.2. UN proper shipping name

- ADR, ADN, IMDG, IATA : Void

### 14.3. Transport hazard class(es)

- ADR, ADN, IMDG, IATA

- Class : Void

### 14.4. Packing group

- ADR, IMDG, IATA : Void

### 14.5. Environmental hazards

- Marine pollution : No.

### 14.6. Special precautions for user

Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

UN "Model Regulation" : -

## SECTION 15: Regulatory information

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

- Labelling according to Regulation (EC) No 1272/2008 : Void

- Hazard pictograms : Void

- Signal word : Void

- Hazard statements : Void

### 15.2. Chemical safety assessment

A Chemical Safety Assessment has not been carried out.



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## SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

### **Abbreviations and acronyms:**

**ADR:** Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International

Carriage of Dangerous Goods by Road)

**RID:** Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the

International Transport of Dangerous Goods by Rail)

**IMDG:** International Maritime Code for Dangerous Goods

**IATA:** International Air Transport Association

**IATA-DGR:** Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

**ICAO:** International Civil Aviation Organisation

**ICAO-TI:** Technical Instructions by the "International Civil Aviation Organisation" (ICAO)

**GHS:** Globally Harmonised System of Classification and Labelling of Chemicals

· \* Data compared to the previous version altered.