

SAFETY DATA SHEET



According to the 2020/878 amendment to Regulation (EC) No. 1907/2006
Version 1.0 Revision Date 2022-06-23

Print Date August 24, 2022

GENERIC EU MSDS - NO COUNTRY SPECIFIC DATA - NO OEL DATA

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

1.1 Product identifiers

Product name: **Naveni pY PD1 HRP**
NaveniBright MR, Box 1.1
Brand: Navinci Diagnostics AB
REACH No.: A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration, or the registration is envisaged for a later registration deadline.

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

Identified uses: Laboratory reagents, "For research use only", not for human use

1.3 Details of the supplier of the safety data sheet

Company: Navinci Diagnostics AB
Biomedical Centre
Husargatan 3 (D11, level 1)
751 24 Uppsala, Sweden
Contact: contact@navinci.se
Tel: +(46)764255911

1.4 Emergency telephone number

Emergency Phone number: [+46 730214726](tel:+46730214726)
With acute danger to life, property or environment – 112
Vid akut fara för liv, egendom eller miljö - 112

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.
2.2 Label elements Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.
2.3 Other hazards None
2.4 Potential health effects Avoid contact and inhalation. To our knowledge, the hazards of this material have not been thoroughly investigated. We recommend handling all chemicals with cautions.

SECTION 3: Composition/information on ingredients

3.1 Non-hazardous mixtures

3.2 Information on component

Component:	CAS Number:	EC Number:	Percent by weight:	Specific concentration limits/ M-Factor
Sodium azide	26628-22-8	247-852-1	<0,1 %	M=1 M(Chronic)=1

3.3 KIT COMPONENTS:

Product Description	Pictogram	Hazard Statement	Complementary Information
Probe M NB.1.100.06 Volume – 0,1 ml	Not Applicable.	None.	Non-hazardous substance or mixture according to regulation EG nr 1272/2008.
Probe R NB.1.100.07 Volume – 0,1 ml	Not Applicable.	None.	Non-hazardous substance or mixture according to regulation EG nr 1272/2008.
Probe diluent NF.1.100.03 Volume – 4,0 ml	Not Applicable.	None.	Non-hazardous substance or mixture according to regulation EG nr 1272/2008.
Blocking buffer NB.1.100.01	Not Applicable.	None.	Non-hazardous substance or mixture according to regulation EG nr 1272/2008.

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Volume – 4,0 ml			
Antibody Diluent NB.1.100.02 Volume – 8,0 ml	Not Applicable.	None.	Non-hazardous substance or mixture according to regulation EG nr 1272/2008.
Supplement 1 NB.1.100.03 Volume – 0,1 ml	Not Applicable.	None.	Non-hazardous substance or mixture according to regulation EG nr 1272/2008.
Supplement 2 NB.1.100.04 Volume – 0,1 ml	Not Applicable.	None.	Non-hazardous substance or mixture according to regulation EG nr 1272/2008.

SECTION 4: First aid measures

- 4.1 Skin contact Rinse with plenty of water. Call a physician to seek medical advice if symptoms arise.
- 4.2 Eye contact Wash thoroughly after handling. If eye or skin contact occurs, immediately wash affected area with soap and copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician to seek medical advice.
- 4.3. Ingestion. If swallowed, wash out mouth with water provided person is conscious and call a physician to seek medical advice. Never give anything by mouth to an unconscious person. Call a physician to seek medical advice if symptoms arise.
- 4.4. Inhalation If inhaled, move individual to fresh air and call a physician to seek medical advice.
- 4.5. Most important symptoms and effects, both acute and delayed The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.
- 4.6 Indication of any immediate medical attention and special treatment needed No data available.

SECTION 5: Firefighting measures

- 5.1 Extinguishing media No data available.
- 5.2 Special hazards arising from the substance or mixture No data available.
- 5.3 Advice for firefighters No data available.
- 5.4 Further information No data available.

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures For personal protection see section 8.
- 6.2 Environmental precautions Avoid release into the environment.
- 6.3 Methods and materials for containment and clean up No data available.
- 6.4 Reference to other section For disposal see section 13.

SECTION 7: Handling and storage

- 7.1 Precautions for safe handling For precautions see section 2.2.
- 7.2 Conditions for safe storage, including any incompatibilities Keep container tightly closed in a dry and well-ventilated place. Store at specified on the box temperature.
- 7.3 Specific end use(s) Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

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SECTION 8: Exposure controls/personal protection

- | | |
|-------------------------------------|--|
| 8.1 Control parameters | Contains no substances with occupational exposure limit values. |
| 8.2. Personal protective equipment. | Wear appropriate gloves, protective clothing and eyewear and follow safe laboratory practices. |
| 8.3 Exposure controls | No data available. |

SECTION 9: Physical and chemical properties

- | | |
|---|-------------------|
| 9.1 Information on basic physical and chemical properties | |
| a) Physical state | Liquid |
| b) Color | Colorless |
| c) Odor | No data available |
| d) Odor Threshold | No data available |
| e) pH | No data available |
| f) Melting point/freezing point | No data available |
| g) Initial boiling point | No data available |
| h) Flash point | No data available |
| i) Evaporation rate | No data available |
| j) Flammability (solid gas) | No data available |
| k) Upper/lower flammability or explosive limits | No data available |
| l) Vapor pressure | No data available |
| m) Vapor density | No data available |
| n) Relative density | No data available |
| o) Water solubility | No data available |
| p) Partition coefficient n-octanol/water | No data available |
| q) Auto-ignition temperature | No data available |
| r) Decomposition temperature | Not applicable |
| s) Kinetic viscosity | No data available |
| t) Explosive properties | No data available |
| u) Oxidizing properties | No data available |
| 9.2 Other safety information | No data available |

SECTION 10: Stability and reactivity

- | | |
|---|-------------------------------------|
| 10.1 Reactivity | No data available |
| 10.2 Chemical stability | No data available |
| 10.3 Possibility of hazardous reactions | No data available |
| 10.4 Conditions to avoid | No data available |
| 10.5 Incompatible materials | No data available |
| 10.6 Hazardous decomposition products | In the event of fire: see section 5 |

SECTION 11: Toxicological information

- | | |
|---|---|
| 11.1 Information on toxicological effects | |
| a) Acute toxicity | There is no evidence available indicating acute toxicity. |
| b) Irritation | Conclusive but not sufficient for classification |
| c) Serious eye damage/eye irritation | Conclusive but not sufficient for classification |
| d) Sensitization | Conclusive but not sufficient for classification |
| e) Specific target organ toxicity - single exposure | Conclusive but not sufficient for classification |
| f) Specific target organ toxicity - repeated exposure | Conclusive but not sufficient for classification |
| g) Carcinogenicity | Conclusive but not sufficient for classification |
| h) Mutagenicity | Conclusive but not sufficient for classification |
| i) Reproductive toxicity | Conclusive but not sufficient for classification |
| j) Aspiration hazard | Conclusive but not sufficient for classification |
| k) RTECS (Registry of Toxic Effects of Chemical Substances) | Not available |

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SECTION 12: Ecological information

12.1 Toxicity	No data available
12.2 Persistence and degradability	No data available
12.3 Bioaccumulative potential	No data available
12.4 Mobility in soil	No data available
12.5 Results of PBT and vPvB assessment	No data available. PBT/vPvB assessment not available as chemical safety assessment not required/not conducted
12.6 Other adverse effects	No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods	No data available
13.2 Special precautions	No data available
13.3 Other considerations	Waste should not be disposed of by release to sewers.

SECTION 14: Transport information

	UN number	Class	Packing group	Proper shipping name
14.1 ADR/ RID	-	-	-	Not dangerous goods
14.2 IMDG	-	-	-	Not dangerous goods
14.3 IATA	-	-	-	Not dangerous goods

Environmental hazards

	Marine pollutant	Exempted quantity	Reportable quantity
14.4 ADR/ RID	No	-	-
14.5 IMDG	No	-	-
14.6 IATA	No	-	-

Special precautions for end user:

No data available.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture.	This safety datasheet complies with the requirements of Commission Regulation (EU) 2020/878 amendment to Regulation (EC) No. 1907/2006.
15.2 Chemical safety assessment	For this product a chemical safety assessment was not carried out.
15.3 Risk phrases:	No data available.
15.4 Safety phrases:	No data available.

SECTION 16: Other information

Further information

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According to the 2020/878 amendment to Regulation (EC) No. 1907/2006
Version 1.0 Revision Date 2022-06-23

GENERIC EU SDS - NO COUNTRY SPECIFIC DATA - NO OEL DATA

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

1.1 Product identifiers

Product name: **NaveniBright, HRP - Box 1.2**
Brand: Navinci Diagnostics AB
REACH No.: A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration, or the registration is envisaged for a later registration deadline.

1.2 Relevant identified uses of the substance or mixture and uses advised against
Identified uses: Laboratory reagents, "For research use only", not for human use

1.3 Details of the supplier of the safety data sheet

Company: Navinci Diagnostics AB
Biomedical Centre
Husargatan 3 (D11, level 1)
751 24 Uppsala, Sweden
Contact: contact@navinci.se
Tel: +(46)764255911

1.4 Emergency telephone number Emergency Phone number: [+46 730214726](tel:+46730214726)
With acute danger to life, property or environment – 112
Vid akut fara för liv, egendom eller miljö - 112

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture Regulation (EC) No 1272/2008 CLP/GHS] Flammable Liquids - Category 2, H225
Acute Toxicity, Oral - Category 4, H302
Acute Toxicity, Oral - Category 3, H301
Acute Toxicity, Dermal - Category 4, H312
Skin irritation – Category 2, H315
Skin Corrosion – Category 1A, H314
Serious Eye Damage – Category 1, H318
Eye Damage – Category 1, H318
Eye Irritation – Category 2A, H319
Acute Toxicity, Inhalation. – Category 4, H332
Respiratory Sensitisation – Category 1, H334
Resp. System (Spec.Target, Single Exposure) – Category 3, H335
Acute Aquatic Toxicity – Category 3, H402
Germ Cell Mutagenicity – Category 2, H341
Acute Aquatic Toxicity – Category 2, H401
Chronic Aquatic Toxicity – Category. 3, H412
Chronic aquatic toxicity – Category 2, H411

2.2 Label elements



Signal word: Danger.

2.3 Precautionary statements

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P270: Do not eat, drink or smoke when using this product.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P273: Avoid release to the environment.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER or doctor/physician.

2.4 Other hazards

No data available.

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2.5 Potential health effects

Avoid contact and inhalation. To our knowledge, the hazards of this material have not been thoroughly investigated. We recommend handling all chemicals with cautions.





SECTION 3: Composition/information on ingredients

3.1 Non-hazardous mixtures

3.2 Information on component

Component:	CAS Number:	EC Number:	Percent by weight:	Specific concentration limits/ M-Factor
Aluminum sulfate tetradecahydrate	16828-12-9	233-135-0	5 – 10%	M (Chronic) = 1 M = 10
Ethanol	64-17-5	200-578-6	<6%	No data available
Dextran sulfate	9011-18-1		<30%	No data available
Sodium acetate trihydrate	6131-90-4	204-823-8	<30%	No data available
Acetonitrile	75-05-8	200-835-2	<75% (HRP substrate 2) >90% (HRP substrate 3)	No data available
3-Methyl-2-benzothiazolinone hydrazine	149022-15-1	238-428-8	<2%	No data available
5-Aminoinole	5192-03-0	225-977-2	<3%	No data available
2,6-Diaminotoluene	823-40-5	212-513-9	<3%	No data available
Hydrogen peroxide	7722-84-1	231-765-0	<0,15%	No data available for this concentration

3.3 KIT COMPONENTS:

Product Description	Pictogram	Hazard Statement	Complementary Information
AP/ HRP diluent NB.1.100.08 Volume – 8,0 ml	Not Applicable.	None.	Non-hazardous substance or mixture according to regulation EG nr 1272/2008.
HRP Reagent NB.1.100.05 Volume – 0,1 ml	Not Applicable.	None.	Non-hazardous substance or mixture according to regulation EG nr 1272/2008.
HRP substrate 1 NB.1.100.13 Volume – 0,17 ml	Not Applicable.	None.	Non-hazardous substance or mixture according to regulation EG nr 1272/2008.
HRP substrate 2 NB.1.100.14 Volume – 0,1 ml		H225; H301; H312; H332; H319.	Classification and labelling according to CLP criteria.
HRP substrate 3 NB.1.100.15 Volume – 0,1 ml		H225; H302; H312; H315; H332; H334; H335; H319; H341; H401; H411	Classification and labelling according to CLP criteria.
HRP substrate 4 NB.1.100.17 Volume – 0,1 ml		H302; H314; H318; H335; H402; H412	Classification and labelling according to CLP criteria.
Nuclear stain NB.1.100.16 Volume – 6,0 ml		H318; H225; H319	Classification and labelling according to CLP criteria.

SECTION 4: First aid measures

4.1 Skin contact

Remove contaminated clothing. Rinse with plenty of water. Call a physician to seek medical advice if symptoms arise.



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4.2 Eye contact	Immediately rinse with water for several minutes. Make sure to remove any contact lenses from the eyes before rinsing. Hold eyelids apart. Continue to rinse for at least 15 minutes. Use tempered water. Continue flushing during transport to hospital. Get medical attention.
4.3. Ingestion.	Do not induce vomiting. Immediately rinse mouth and drink plenty of water (200-300 ml). Get medical attention. Never give liquid to an unconscious person.
4.4. Inhalation	If inhaled, move individual to fresh air and call a physician to seek medical advice.
4.5. Most important symptoms and effects, both acute and delayed	Inhaled: Coughing, difficulty in breathing, pressure in chest. Skin contact: Prolonged contact may cause redness, irritation, and dried skin. Eye contact: Causes severe eye damage. Ingestion: May cause irritation, nausea, vomiting, diarrhea.
4.6 Indication of any immediate medical attention and special treatment needed	No data available.

SECTION 5: Firefighting measures

5.1 Extinguishing media	Water, foam, carbon dioxide or dry powder. Use fire-extinguishing media appropriate for surrounding materials.
5.2 Special hazards arising from the substance or mixture	Use respirator. Toxic gases can be released.
5.3 Advice for firefighters	Wear protective clothing. Move containers from fire area if you can do it without risk.
5.4 Further information	No data available.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures	For personal protection see section 8.
6.2 Environmental precautions	Avoid release into the environment.
6.3 Methods and materials for containment and clean up	Absorb in vermiculite, dry sand or soil and fill into containers. Remove spillage immediately. Wash the spill area with water.
6.4 Reference to other section	For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling	Wear protective gloves, the product will color. Avoid contact with skin and eyes. An emergency shower and eye washing station must be available at the workplace. Wash hands after handling the components.
7.2 Conditions for safe storage, including any incompatibilities	Protect from direct sunlight. Keep container tightly closed in a dry and well-ventilated place. Store at specified on the box temperature.
7.3 Specific end use(s)	Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

SECTION 8: Exposure controls/personal protection

8.1 Control parameters	Nuclear stain:
<u>Occupational exposure limit</u>	- Ethanol (CAS no. 64-17-5/ EC no. 200-578-6) 8-hour TWA: 1000 ppm or 1920 mg/m ³ 15 min: 1000 ppm or 1900 mg/m ³
	HRP Substrate 2 and HRP Substrate 3: - Acetonitrile (CAS no. 75-05-8/ EC no. 200-835-2) TWA: 20 ppm

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HRP Substrate 4:
- Hydrogen peroxide (CAS no. 7722-84-1/ EC no. 231-765-0)
TWA 1 ppm

- 8.2. Personal protective equipment Wear appropriate gloves in accordance with standard EN 374, protective clothing and eyewear (EN 166) and follow safe laboratory practices.
- 8.3 Exposure controls Use in well ventilated areas. Eye wash and shower facilities must be available when handling this product. Handle in accordance with good laboratory hygiene and safety practices.
Mechanical exhaust required.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

	HRP Substrate 1	HRP Substrate 2	HRP Substrate 3
v) Physical state	Liquid	Liquid	Liquid
w) Color	Colorless	Colorless	Brown
x) Odor	None	None	None
y) Odor Threshold	No data available	No data available	No data available
z) pH	No data available	No data available	No data available
aa) Melting point/freezing point	No data available	-44 °C	-44 °C
bb) Initial boiling point	No data available	81,6 °C	81,6 °C
cc) Flash point	No data available	5,6 °C	5,6 °C
dd) Evaporation rate	No data available	No data available	No data available
ee) Flammability (solid gas)	No data available	No data available	No data available
ff) Upper/lower flammability or explosive limits	No data available	No data available	No data available
gg) Vapor pressure	No data available	No data available	No data available
hh) Vapor density	No data available	No data available	No data available
ii) Relative density	No data available	No data available	No data available
jj) Water solubility	No data available	No data available	No data available
kk) Partition coefficient n-octanol/water	No data available	No data available	No data available
ll) Auto-ignition temperature	No data available	No data available	No data available
mm) Decomposition temperature	Not applicable	Not applicable	Not applicable
nn) Kinetic viscosity	No data available	No data available	No data available
oo) Explosive properties	No data available	No data available	No data available
pp) Oxidizing properties	No data available	No data available	No data available
9.2 Other safety information	No data available	No data available	No data available

9.1 Information on basic physical and chemical properties

	HRP Substrate 4	Nuclear stain	All other components
a) Physical state	Liquid	Liquid	Liquid
b) Color	Colorless	Red/ violet	Colourless
c) Odor	No data available	Almost odourless	No data available
d) Odor Threshold	No data available	No data available	No data available
e) pH	No data available	2,2 – 2,6	No data available
f) Melting point/freezing point	No data available	No data available	No data available
g) Initial boiling point	No data available	No data available	No data available
h) Flash point	No data available	No data available	No data available
i) Evaporation rate	No data available	No data available	No data available
j) Flammability (solid gas)	No data available	No data available	No data available
k) Upper/lower flammability or explosive limits	No data available	No data available	No data available
l) Vapor pressure	No data available	No data available	No data available
m) Vapor density	No data available	No data available	No data available
n) Relative density	No data available	No data available	No data available
o) Water solubility	No data available	Soluble in water	No data available
p) Partition coefficient n-octanol/water	No data available	No data available	No data available
q) Auto-ignition temperature	No data available	No data available	No data available
r) Decomposition temperature	Not applicable	Not applicable	Not applicable
s) Kinetic viscosity	No data available	No data available	No data available
t) Explosive properties	No data available	No data available	No data available
u) Oxidizing properties	No data available	No data available	No data available

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9.2 Other safety information

No data available

No data available

No data available

SECTION 10: Stability and reactivity

	HRP Substrate 1	HRP Substrate 2	HRP Substrate 3
10.1 Reactivity	No data available	No data available	No data available
10.2 Chemical stability	Stable under normal temperature conditions and recommended use.	Stable under normal temperature conditions and recommended use.	Stable under normal temperature conditions and recommended use.
10.3 Possibility of hazardous reactions	No data available	No data available	No data available
10.4 Conditions to avoid	Avoid exposure to high temperatures or direct sunlight.	Avoid exposure to high temperatures, sparks, open flames.	Avoid exposure to high temperatures, sparks, open flames.
10.5 Incompatible materials	Strong oxidizing substances.	Strong oxidizing substances.	Strong oxidizing substances.
10.6 Hazardous decomposition products	Carbon oxides, sodium oxides, other decomposition products.	Carbon monoxide, carbon dioxide, nitrogen oxides, and hydrogen.	Carbon monoxide, carbon dioxide, nitrogen oxides, and hydrogen.
	HRP Substrate 4	Nuclear Stain	All other components
10.1 Reactivity	No data available	No data available	No data available
10.2 Chemical stability	Stable under normal temperature conditions and recommended use.	Stable under normal temperature conditions and recommended use.	No data available
10.3 Possibility of hazardous reactions	No data available	No data available	No data available
10.4 Conditions to avoid	No data available	Avoid exposure to high temperatures or direct sunlight.	No data available
10.5 Incompatible materials	Zinc, powdered metals, copper, nickel, brass, iron, and iron salts.	Strong oxidizing substances.	No data available
10.6 Hazardous decomposition products	Nature of decomposition products no known.	Carbon dioxide (CO ₂). Carbon monoxide (CO). Oxides of: Sulphur. Aluminium. Nitrogen. Sodium.	In the event of fire: see section 5

SECTION 11: Toxicological information

11.1 Information on toxicological effects	
l) Acute toxicity	No data available
m) Irritation	May cause irritation.
n) Serious eye damage/eye irritation	Irritating to eyes, may cause eye damage.
o) Sensitization	No data available
p) Specific target organ toxicity - single exposure	No data available
q) Specific target organ toxicity - repeated exposure	No data available
r) Carcinogenicity	No data available
s) Mutagenicity	No data available
t) Reproductive toxicity	No data available
u) Aspiration hazard	No data available
v) RTECS (Registry of Toxic Effects of Chemical Substances)	Acetonitrile: AL7700000
w) Acute effects	Aluminum sulfate tetradecahydrate LD50 oral: > 2000 mg/kg (in rat) LD50 dermal: > 5000 mg/kg (in rabbit) LD50 inhalation: > 5 mg/L (in rat) Acetonitrile

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LD50 oral: 3800 mg/kg (in rat)
LD50 oral: 177 mg/kg (in guinea pig)
LD50 dermal: 1250 mg/kg (in rabbit)

SECTION 12: Ecological information

12.1 Toxicity

Avoid release into the environment.

Aluminum sulfate tetradecahydrate
Acute aquatic – LC 50 = 1000 mg/L
Species: Danio rerio
Duration 96 h

Ethanol
Acute aquatic – LC 50 = 1290 - 15300 mg/L
Species: Rainbow trout
Duration 96 h

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available. PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Endocrine disrupting properties

No data available

12.7 Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

No data available

13.2 Special precautions

No data available

13.3 Other considerations

Waste should not be disposed of by release to sewers.

SECTION 14: Transport information

Acetonitrile:

	UN number	Class	Packing group	Proper shipping name
14.1 ADR/ RID	1648	3	II	Acetonitrile
14.2 IMDG	1648	3	II	Acetonitrile
14.3 IATA	1648	3	II	Acetonitrile

Environmental hazards

	Marine pollutant	Excepted quantity	Reportable quantity
14.4 ADR/ RID	No	-	-
14.5 IMDG	No	-	-
14.6 IATA	No	-	-

Special precautions for end user:

No data available.

2,6-Touendiamine:

	UN number	Class	Packing group	Proper shipping name
14.1 ADR/ RID	3077	9	III	(2,6-Touendiamine)
14.2 IMDG	3077	9	III	(2,6-Touendiamine)
14.3 IATA	3077	9	III	(2,6-Touendiamine)

Environmental hazards

	Marine pollutant	Excepted quantity	Reportable quantity
14.4 ADR/ RID	Yes	-	10 lbs
14.5 IMDG	Yes	-	10 lbs
14.6 IATA	Yes	-	10 lbs

Special precautions for end user:

No data available.

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Hydrogen peroxide:

	UN number	Class	Packing group	Proper shipping name
14.1 ADR/ RID	2014	5.1 (8)	II	Hydrogen peroxide, aqueous solutions
14.2 IMDG	2014	5.1 (8)	II	Hydrogen peroxide, aqueous solutions
14.3 IATA	2014	5.1 (8)	II	Hydrogen peroxide, aqueous solutions

Environmental hazards

	Marine pollutant	Excepted quantity	Reportable quantity
14.4 ADR/ RID	No	-	-
14.5 IMDG	No	-	-
14.6 IATA	No	-	-

Special precautions for end user:

No data available.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture.	This safety datasheet complies with the requirements of Commission Regulation (EU) 2020/878 amendment to Regulation (EC) No. 1907/2006.
15.2 Chemical safety assessment	For this product a chemical safety assessment was not carried out.
15.3 Risk phrases:	R11 Highly flammable. R20/21/22 Harmful by inhalation, in contact with skin and if swallowed R36 Irritating to eyes. R41 Risk of serious damage to eyes.
15.4 Safety phrases:	S16 Keep away from sources of ignition. No smoking S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S36/37 Wear suitable protective clothing and gloves.

SECTION 16: Other information

Further information

Copyright 2022 Navinci Diagnostics. License granted to make unlimited paper copies for internal use only. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product regarding appropriate safety precautions. It does not represent any guarantee of the properties of the product. Navinci Diagnostics AB and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See the reverse side of invoice or packing slip for additional term.

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According to the 2020/878 amendment to Regulation (EC) No. 1907/2006
Version 1.0 Revision Date 2022-06-23

GENERIC EU MSDS - NO COUNTRY SPECIFIC DATA - NO OEL DATA

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

1.1 Product identifiers

Product name: **Naveni pY PD1, Box 2**
Brand: Navinci Diagnostics AB
REACH No.: A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration, or the registration is envisaged for a later registration deadline.

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

Identified uses: Laboratory reagents, "For research use only", not for human use

1.3 Details of the supplier of the safety data sheet

Company: Navinci Diagnostics AB
Biomedical Centre
Husargatan 3 (D11, level 1)
751 24 Uppsala, Sweden
Contact: contact@navinci.se
Tel: +(46)764255911

1.4 Emergency telephone number

Emergency Phone number: [+46 730214726](tel:+46730214726)
With acute danger to life, property or environment – 112
Vid akut fara för liv, egendom eller miljö - 112

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.
2.2 Label elements Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.
2.3 Other hazards None
2.4 Potential health effects Avoid contact and inhalation. To our knowledge, the hazards of this material have not been thoroughly investigated. We recommend handling all chemicals with cautions.

SECTION 3: Composition/information on ingredients

3.1 Non-hazardous mixtures

3.2 KIT COMPONENTS:

Product Description	Pictogram	Hazard Statement	Complementary Information
Navenibody PD1 PD1.2.01 Volume – 0,02 ml	Not Applicable.	None.	Non-hazardous substance or mixture according to regulation EG nr 1272/2008.
Navenibody pTyr M PD1.2.02 Volume – 0,02 ml	Not Applicable.	None.	Non-hazardous substance or mixture according to regulation EG nr 1272/2008.
Buffer 1 NB.2.100. 17 Volume – 0,8 ml	Not Applicable.	None.	Non-hazardous substance or mixture according to regulation EG nr 1272/2008.
Buffer 2 NB.2.100.18 Volume – 0,8 ml	Not Applicable.	None.	Non-hazardous substance or mixture according to regulation EG nr 1272/2008.
Enzyme 1 NF.2.100.11 Volume – 0,1 ml	Not Applicable.	None.	Non-hazardous substance or mixture according to regulation EG nr 1272/2008.
Enzyme 2 NF.2.100.15 Volume – 0,1 ml	Not Applicable.	None.	Non-hazardous substance or mixture according to regulation EG nr 1272/2008.

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SECTION 4: First aid measures

4.1 Skin contact	Rinse with plenty of water. Call a physician to seek medical advice if symptoms arise.
4.2 Eye contact	Wash thoroughly after handling. If eye or skin contact occurs, immediately wash affected area with soap and copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician to seek medical advice.
4.3. Ingestion.	If swallowed, wash out mouth with water provided person is conscious and call a physician to seek medical advice. Never give anything by mouth to an unconscious person. Call a physician to seek medical advice if symptoms arise.
4.4. Inhalation	If inhaled, move individual to fresh air and call a physician to seek medical advice.
4.5. Most important symptoms and effects, both acute and delayed	The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.
4.6 Indication of any immediate medical attention and special treatment needed	No data available.

SECTION 5: Firefighting measures

5.1 Extinguishing media	No data available.
5.2 Special hazards arising from the substance or mixture	No data available.
5.3 Advice for firefighters	No data available.
5.4 Further information	No data available.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures	For personal protection see section 8.
6.2 Environmental precautions	Avoid release into the environment.
6.3 Methods and materials for containment and clean up	No data available.
6.4 Reference to other section	For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling	For precautions see section 2.2.
7.2 Conditions for safe storage, including any incompatibilities	Keep container tightly closed in a dry and well-ventilated place. Store at specified on the box temperature.
7.3 Specific end use(s)	Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

SECTION 8: Exposure controls/personal protection

8.1 Control parameters	Contains no substances with occupational exposure limit values.
8.2. Personal protective equipment.	Wear appropriate gloves, protective clothing and eyewear and follow safe laboratory practices.
8.3 Exposure controls	No data available.

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties	
qq) Physical state	Liquid
rr) Color	Colorless
ss) Odor	No data available
tt) Odor Threshold	No data available
uu) pH	No data available
vv) Melting point/freezing point	No data available
ww) Initial boiling point	No data available
xx) Flash point	No data available
yy) Evaporation rate	No data available
zz) Flammability (solid gas)	No data available
aaa) Upper/lower flammability or explosive limits	No data available
bbb) Vapor pressure	No data available
ccc) Vapor density	No data available
ddd) Relative density	No data available
eee) Water solubility	No data available
fff) Partition coefficient n-octanol/water	No data available
ggg) Auto-ignition temperature	No data available
hhh) Decomposition temperature	No data available
iii) Kinetic viscosity	No data available
jjj) Explosive properties	No data available
kkk) Oxidizing properties	No data available
9.2 Other safety information	No data available

SECTION 10: Stability and reactivity

10.1 Reactivity	No data available
10.2 Chemical stability	No data available
10.3 Possibility of hazardous reactions	No data available
10.4 Conditions to avoid	No data available
10.5 Incompatible materials	No data available
10.6 Hazardous decomposition products	In the event of fire: see section 5

SECTION 11: Toxicological information

11.1 Information on toxicological effects	
x) Acute toxicity	There is no evidence available indicating acute toxicity.
y) Irritation	Conclusive but not sufficient for classification
z) Serious eye damage/eye irritation	Conclusive but not sufficient for classification
aa) Sensitization	Conclusive but not sufficient for classification
bb) Specific target organ toxicity - single exposure	Conclusive but not sufficient for classification
cc) Specific target organ toxicity - repeated exposure	Conclusive but not sufficient for classification
dd) Carcinogenicity	Conclusive but not sufficient for classification
ee) Mutagenicity	Conclusive but not sufficient for classification
ff) Reproductive toxicity	Conclusive but not sufficient for classification
gg) Aspiration hazard	Conclusive but not sufficient for classification
hh) RTECS (Registry of Toxic Effects of Chemical Substances)	Not available

SECTION 12: Ecological information

12.1 Toxicity	No data available
12.2 Persistence and degradability	No data available
12.3 Bioaccumulative potential	No data available
12.4 Mobility in soil	No data available
12.5 Results of PBT and vPvB assessment	No data available. PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

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12.6 Other adverse effects No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods No data available
13.2 Special precautions No data available
13.3 Other considerations Waste should not be disposed of by release to sewers.

SECTION 14: Transport information

	UN number	Class	Packing group	Proper shipping name
14.1 ADR/ RID	-	-	-	Not dangerous goods
14.2 IMDG	-	-	-	Not dangerous goods
14.3 IATA	-	-	-	Not dangerous goods

Environmental hazards

	Marine pollutant	Excepted quantity	Reportable quantity
14.4 ADR/ RID	No	-	-
14.5 IMDG	No	-	-
14.6 IATA	No	-	-

Special precautions for end user:

No data available.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture. This safety datasheet complies with the requirements of Commission Regulation (EU) 2020/878 amendment to Regulation (EC) No. 1907/2006.

15.2 Chemical safety assessment For this product a chemical safety assessment was not carried out.

15.3 Risk phrases: No data available.

15.4 Safety phrases: No data available.

SECTION 16: Other information

Further information

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