

# SAFETY DATA SHEET



According to the 2020/878 amendment to Regulation (EC) No. 1907/2006  
Issue date 2024-04-11 Version: 1.0

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 Bright BOND RX HRP, Box 1  
Brand: Navinci Diagnostics AB  
Product code kit: NA.PPI01.030.H  
Product code kit box 1: NAB.MR.030.H1

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 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  
Dag Hammarskjölds väg 52a  
751 24 Uppsala, Sweden

Contact: contact@navinci.se

### **1.4 Emergency telephone number**

Emergency Phone number - 112  
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, Dermal - Category 4, H312  
Skin Sensitization – Category 1, H317  
Serious Eye Damage/Irritation – Category 2, H319  
Acute Toxicity, Inhalation. – Category 4, H332  
Germ Cell Mutagenicity – Category 2, H341  
Chronic Aquatic Toxicity – Category. 3, H412

### **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.

### **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 caution.

# SAFETY DATA SHEET

## SECTION 3: Composition/information on ingredients







### 3.1 Substances

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
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
Mixture of 5-Chloro-2-methyl-4-isothiazolin-3-one and 2-Methyl-2H - isothiazol-3-one (3:1)	55965-84-9	911-418-6	<0,045%	No data available for this concentration

### 3.3 KIT COMPONENTS:

Product Description	Pictogram	Hazard Statement	Complementary Information
NaveniBright BOND Navenibody M1 NB NA.1.030.16 Volume – 0,300 ml	Not Applicable.	None.	Non-hazardous substance or mixture according to regulation EG nr 1272/2008.
NaveniBright BOND Navenibody R2 NB NA.1.030.17 Volume – 0,300 ml	Not Applicable.	None.	Non-hazardous substance or mixture according to regulation EG nr 1272/2008.
NaveniBright BOND HRP diluent NB NA.1.030.24 Volume – 6,6 ml		H317	Classification and labelling according to CLP criteria.
NaveniBright BOND Block NB NA.1.030.13 Volume – 4,0 ml		H317	Classification and labelling according to CLP criteria.
NaveniBright BOND Diluent 1 NB NA.1.030.14 Volume – 11.1 ml		H317	Classification and labelling according to CLP criteria.
NaveniBright BOND Diluent 2 NB NA.1.030.15 Volume – 11.1 ml		H317	Classification and labelling according to CLP criteria.
NaveniBright BOND Supplement 1 NA.1.030.22 Volume – 0,700 ml		H302; H412	Classification and labelling according to CLP criteria.
NaveniBright BOND Supplement 2 NA.1.030.23 Volume – 1.3 ml		H302; H412	Classification and labelling according to CLP criteria.

# SAFETY DATA SHEET

NaveniBright BOND HRP Reagent NA.1.030.25 Volume – 0,030 ml	Not Applicable.	None.	Non-hazardous substance or mixture according to regulation EG nr 1272/2008.
NaveniBright BOND HRP substrate 1 NA.1.030.26 Volume – 0,180 ml	Not Applicable.	None.	Non-hazardous substance or mixture according to regulation EG nr 1272/2008.
NaveniBright BOND HRP substrate 2 NA.1.030.27 Volume – 0,120 ml		H225; H302; H332; H319; H312	Classification and labelling according to CLP criteria.
NaveniBright BOND HRP substrate 3 NA.1.030.28 Volume – 0,1 ml		H225; H302; H312; H317; H412; H332; H319; H341	Classification and labelling according to CLP criteria.
NaveniBright BOND HRP substrate 4 NA.1.030.29 Volume – 0,180 ml	Not applicable	None.	Non-hazardous substance or mixture according to regulation EG nr 1272/2008.

## **SECTION 4: First aid measures**

### **4.1 Description of first aid measures**

First-aid measures after skin contact Remove contaminated clothing. Rinse with plenty of water. Call a physician to seek medical advice if symptoms arise.

First-aid measures after 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.

First-aid measures after 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.

First-aid measures after inhalation If inhaled, move the individual to fresh air and call a physician to seek medical advice.

### **4.2. 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.

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

Treat symptomatically.

# SAFETY DATA SHEET



## **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 the 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**  
National occupational exposure and biological limit values HRP Substrate 2 and HRP Substrate 3:  
- Acetonitrile (CAS no. 75-05-8/ EC no. 200-835-2)  
TWA: 20 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**

	<b>HRP Substrate 4</b>	<b>Nuclear stain</b>	<b>All other components</b>
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

# SAFETY DATA SHEET



Navinci  
DIAGNOSTICS

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
<b>9.2 Other safety information</b>	No data available	No data available	No data available

# SAFETY DATA SHEET



## SECTION 10: Stability and reactivity

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

# SAFETY DATA SHEET



## **SECTION 11: Toxicological information**

### **11.1 Information on toxicological effects**

a) Acute toxicity	No data available
b) Irritation	May cause irritation.
c) Serious eye damage/eye irritation	Irritating to eyes, may cause eye damage.
d) Sensitization	No data available
e) Specific target organ toxicity - single exposure	No data available
f) Specific target organ toxicity - repeated exposure	No data available
g) Carcinogenicity	No data available
h) Mutagenicity	No data available
i) Reproductive toxicity	No data available
j) Aspiration hazard	No data available
k) RTECS (Registry of Toxic Effects of Chemical Substances)	Acetonitrile: AL7700000

### **l) Acute effects**

Acetonitrile  
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**

<b>12.1 Toxicity</b>	Avoid release into the environment.
<b>12.2 Persistence and degradability</b>	No data available
<b>12.3 Bioaccumulative potential</b>	No data available
<b>12.4 Mobility in soil</b>	No data available
<b>12.5 Results of PBT and vPvB assessment</b>	No data available. PBT/vPvB assessment not available as chemical safety assessment not required/not conducted
<b>12.6 Endocrine disrupting properties</b>	No data available
<b>12.7 Other adverse effects</b>	No data available

## **SECTION 13: Disposal considerations**

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

## **SECTION 14: Transport information**

In accordance with ADR / IMDG / IATA / ADN / RID

### **Acetonitrile:**

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

### **Environmental hazards**

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

### **Special precautions for end user**

No data available.

### **2,6-Touendiamine:**

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

# SAFETY DATA SHEET



**14.3 IATA** 3077 9 III (2,6-Touendiamine)

## Environmental hazards

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

## Special precautions for end user

No data available.

## Hydrogen peroxide

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

## Environmental hazards

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

### Abbreviations and acronyms

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
EN	European Standard
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LD50	Median lethal dose
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet

### 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



# SAFETY DATA SHEET



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.

# SAFETY DATA SHEET



According to the 2020/878 amendment to Regulation (EC) No. 1907/2006

Issue date 2024-04-11 Version: 1.0

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 Bright BOND RX HRP, Box 2  
Brand: Navinci Diagnostics AB  
Product code kit: NA.PPI01.030.H  
Product code kit box 2: NAB.MR.030.H2

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 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  
Dag Hammarskjölds väg 52a  
751 24 Uppsala, Sweden  
Contact: contact@navinci.se

### **1.4 Emergency telephone number**

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 caution.

**2.5 Other hazards** No data available.

**2.6 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 caution.

## **SECTION 3: Composition/information on ingredients**

### **3.1 Non-hazardous mixtures**

### **3.2 Kit Components:**

Product Description	Pictogram	Hazard Statement	Complementary Information
NaveniBright BOND Buffer 1 NA.2.030.18 Volume – 1.3 ml	Not Applicable.	None.	Non-hazardous substance or mixture according to regulation EG nr 1272/2008.
NaveniBright BOND Buffer 2 NA.2.030.19 Volume – 2.3ml	Not Applicable.	None.	Non-hazardous substance or mixture according to regulation EG nr 1272/2008.

# SAFETY DATA SHEET



Navinci  
DIAGNOSTICS

NaveniBright BOND Enzyme 1 NA.2.030.20 Volume – 0.330 ml	Not Applicable.	None.	Non-hazardous substance or mixture according to regulation EG nr 1272/2008.
NaveniBright BOND Enzyme 2 NA.2.030.21 Volume – 0.580 ml	Not Applicable.	None.	Non-hazardous substance or mixture according to regulation EG nr 1272/2008.

## **SECTION 4: First aid measures**

<b>4.1 First-aid measures after skin contact</b>	Rinse with plenty of water. Call a physician to seek medical advice if symptoms arise.
<b>4.2 First-aid measures after eye contact</b>	Wash thoroughly after handling. If eye or skin contact occurs, immediately wash the 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.
<b>4.3. First-aid measures after ingestion.</b>	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.
<b>4.4. First-aid measures after inhalation</b>	If inhaled, move the individual to fresh air and call a physician to seek medical advice.
<b>4.5. Most important symptoms and effects, both acute and delayed</b>	The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.
<b>4.6 Indication of any immediate medical attention and special treatment needed</b>	No data available.

## **SECTION 5: Firefighting measures**

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

## **SECTION 6: Accidental release measures**

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

## **SECTION 7: Handling and storage**

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

## **SECTION 8: Exposure controls/personal protection**

<b>8.1 Control parameters</b>	Contains no substances with occupational exposure limit values.
-------------------------------	---

# SAFETY DATA SHEET



## 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	No data available
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

## **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

# SAFETY DATA SHEET



**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 being released to sewers.

## **SECTION 14: Transport information**

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

### **Environmental hazards**

	<b>Marine pollutant</b>	<b>Excepted quantity</b>	<b>Reportable quantity</b>
<b>14.4 ADR/ RID</b>	No	-	-
<b>14.5 IMDG</b>	No	-	-
<b>14.6 IATA</b>	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**

### **Abbreviations and acronyms**

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
EN	European Standard
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LD50	Median lethal dose
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet

### **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 terms and conditions of sale.

# SAFETY DATA SHEET



According to the 2020/878 amendment to Regulation (EC) No. 1907/2006  
Issue date 2024-04-11 Version: 3.0

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 PD1/PDL1 BOND RX HRP, Plastic bag (Box 3)  
Brand: Navinci Diagnostics AB  
Product code kit: NA.PPI01.030.H  
Product code: NA.PPI01.030.2

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 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  
Dag Hammarskjölds väg 52a  
751 24 Uppsala, Sweden  
Contact: contact@navinci.se

### **1.4 Emergency telephone number**

Emergency Phone number:  
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.

Product Description	Pictogram	Hazard Statement	Complementary Information
Naveni BOND PD1 antibody (40x)NA.2.030.30 Volume – 0,150 ml		H317	Classification and labelling according to CLP criteria.
Naveni BOND PD-L1 antibody (40x) NA.2.030.31 Volume – 0,150 ml		H317	Classification and labelling according to CLP criteria.

# SAFETY DATA SHEET



## **SECTION 4: First aid measures**

- |   |   |
|---|---|
| <b>4.1 Skin contact</b>   | Rinse with plenty of water. Call a physician to seek medical advice if symptoms arise.  |
| <b>4.2 Eye contact</b>  | 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. |
| <b>4.3. Ingestion.</b>  | 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.                                     |
| <b>4.4. Inhalation</b>  | If inhaled, move individual to fresh air and call a physician to seek medical advice.   |
| <b>4.5. Most important symptoms and effects, both acute and delayed</b>               | The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.  |
| <b>4.6 Indication of any immediate medical attention and special treatment needed</b> | No data available.  |

## **SECTION 5: Firefighting measures**

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

## **SECTION 6: Accidental release measures**

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

## **SECTION 7: Handling and storage**

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

## **SECTION 8: Exposure controls/personal protection**

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

# SAFETY DATA SHEET



## **SECTION 9: Physical and chemical properties**

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

v) Physical state	Liquid
a) Color	Colorless
b) Odor	No data available
c) Odor Threshold	No data available
d) pH	No data available
e) Melting point/freezing point	No data available
f) Initial boiling point	No data available
g) Flash point	No data available
h) Evaporation rate	No data available
i) Flammability (solid gas)	No data available
j) Upper/lower flammability or explosive limits	No data available
k) Vapor pressure	No data available
l) Vapor density	No data available
m) Relative density	No data available
n) Water solubility	No data available
o) Partition coefficient n-octanol/water	No data available
p) Auto-ignition temperature	No data available
q) Decomposition temperature	No data available
r) Kinetic viscosity	No data available
s) Explosive properties	No data available
t) 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	
m) Acute toxicity	There is no evidence available indicating acute toxicity.
n) Irritation	Conclusive but not sufficient for classification
o) Serious eye damage/eye irritation	Conclusive but not sufficient for classification
p) Sensitization	Conclusive but not sufficient for classification
q) Specific target organ toxicity - single exposure	Conclusive but not sufficient for classification
r) Specific target organ toxicity - repeated exposure	Conclusive but not sufficient for classification
s) Carcinogenicity	Conclusive but not sufficient for classification
t) Mutagenicity	Conclusive but not sufficient for classification
u) Reproductive toxicity	Conclusive but not sufficient for classification
v) Aspiration hazard	Conclusive but not sufficient for classification
w) 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
12.6 Other adverse effects	No data available



# SAFETY DATA SHEET



## **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**

### **Abbreviations and acronyms**

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
EN	European Standard
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LD50	Median lethal dose
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet

### **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 terms and conditions of sale.