



SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1 Product identifiers

Product name : **PAR/PAK II**

Product Number : REF **101310**

Brand : Bio/Data Corporation

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

Identified uses:

IVD

For in vitro diagnostic use; professional laboratory use by qualified personnel only

Laboratory chemicals. Reagents for platelet aggregation tests.

1.3 Details of the supplier of the safety data sheet:

Company: Bio/Data Corporation
155 Gibraltar Road
Horsham, PA 19044
UNITED STATES

Telephone: +1 215 441-4000

Fax: +1 215 443-8820

Email: customer.service@biodatacorp.com

Web Site: www.biodatacorp.com

1.4 Emergency telephone

Follow Good Laboratory Practices Safety Protocol and
Follow laboratory blood / infectious hazard protocol

Emergency Phone #: +1 215 441-4000 (0830 – 1630)

An ISO 13485 Registered Company

155 Gibraltar Road, Horsham, PA 19044 U.S.A.
Worldwide: (215) 441-4000 U.S.A.: (800) 257-3282 Fax Worldwide: (215) 443-8820
www.biodatacorp.com e-mail: customer.service@biodatacorp.com

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 Applicable

 2.3 Other Hazards: None
 Restricted to professional laboratory users

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

 3.1 Substances

Synonyms:

ADP:	Adenosine-5'-Diphosphate
COLLAGEN:	Soluble Calf Skin, Type 1
EPINEPHRINE:	Adrenaline, (-) Adrenaline, L-Epinephrine, L-Adrenalin, (R)-(-)-3,4-Dihydroxy-a-(methyl amino methyl) benzyl alcohol

Molecular weight: N / A

CAS-No.: N / A

EC-No.: N / A

 3.2 Mixtures

Component	Identifier	Concentration	Classification
ADP	Cas No.: 20398-34-9	N / A	Not Hazardous
Collagen	Cas No.: 9007-34-5 EC No.: 232-697-4	N / A	Not Hazardous
Epinephrine	Cas No.: 51-43-4 EC No.: 200-098-7	N / A	Not Hazardous

No components need to be disclosed according to the applicable regulations. Please reference ADP, Collagen, and Epinephrine's Individual Safety Data Sheets for specific product related details.

SECTION 4: FIRST AID MEASURES

4.1 Description of first-aid measures



General:	Do not leave unattended. Consult a physician. Show this safety data sheet to the doctor in attendance.
After inhalation:	Move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
After eye contact:	Wash eyes thoroughly with plenty of water for at least 15 minutes. If irritation persist consult a physician.
After skin contact:	Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.
After swallowing:	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 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.

4.3 Indication of any immediate medical attention and special treatment needed:

Increased platelet aggregation may occur after contact with wounds or intrusion into the blood system.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media:

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture:

Carbon oxides, Nitrogen oxides (NO_x), Sulfur oxides, Sodium oxides.

5.3 Advice for firefighters:

Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information:

No further information available.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8.

6.2 Environmental precautions:

Keep away from drains or other water courses. For personal protection see section 8.

6.3 Methods and materials for containment and cleaning up:

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in a suitable, closed container for disposal in accordance with national and local regulations. Follow laboratory policies for containing and cleaning up chemical spills.

6.4 Reference to other sections:

See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

Use disposable gloves, eye protection and wear a lab coat or apron. Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. 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.

Keep away from heat, sparks, and flames.

Store in accordance with information listed on the product insert.

Storage conditions:

Recommended temperature: store at 2-8 ° C

Sensitive to light, air and moisture. Never allow product to get in contact with water during storage. Do not store near acids. Keep away from food and drinks. Hygroscopic.

German storage class (TRGS 510): Solid incombustible

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

Ingredients with workplace control parameters:

It doesn't contain substances with occupational exposure limit value.

8.2 Exposure controls:

Appropriate engineering controls:

Restricted to professional users. Follow general industrial hygiene and good laboratory practices. Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. The usual precautionary measures for handling chemicals/reagents should be followed.

Personal protective equipment:

Eye/Face protection:

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety Glasses.

Skin protection:

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body protection:

Wash and dry hands after work and before breaks. Use protective clothes in accordance with applicable local workplace rules and laboratory policies.

Respiratory protection:

Respiratory protection is usually not necessary. Where risk assessment shows air-purifying respirators are appropriate, use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure:

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties:**

- | | | | |
|----|--|---|--|
| a) | Appearance Form | : | Lyophilized Powder
Color: White to Light Yellow |
| b) | Odor | : | Indeterminate |
| c) | Odor Threshold | : | No Data Available |
| d) | pH | : | ~7.8 |
| e) | Melting point / freezing point | : | No Data Available |
| f) | Initial boiling point
and boiling range | : | No Data Available
No Data Available |
| g) | Flash point | : | No Data Available |

h)	Evaporation rate	:	No Data Available
i)	Flammability (solid, gas)	:	Not Explosive
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	:	Slowly Soluble
o)	Partition coefficient - n-octanol/water	:	No Data Available
p)	Autoignition temperature	:	No Data Available
q)	Decomposition temperature	:	No Data Available
r)	Viscosity	:	No Data Available
s)	Explosive properties	:	No Data Available
t)	Oxidizing properties	:	No Data Available

9.2 Other safety information:

No Other Data Available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

Stable under specified storage and usage conditions. No further relevant information available.

10.2 Chemical stability:

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions:

No Data Available

10.4 Conditions to avoid:

Sensitive to exposure to air, moisture, and heat.

10.5 Incompatible materials:

Strong basic, acid, or oxidizing compounds, different metals. Not to be expected for intended use.

10.6 Hazardous decomposition products:

No data available. In the event of fire: see section 5.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects:**

<i>Acute toxicity</i>	:	No Data Available
<i>Skin corrosion/irritation</i>	:	Non-irritant
<i>Serious eye damage/eye irritation:</i>		Irritant and Potentially Harmful
<i>Respiratory or skin sensitization :</i>		No Data Available
<i>Germ cell mutagenicity</i>	:	No Data Available
<i>Carcinogenicity</i>	:	IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. NTP (National Toxicology Program): Substance is not listed. OSHA-Ca (Occupational Safety & Health Administration): Substance is not listed.
<i>Reproductive toxicity</i>	:	No Data Available
<i>Specific target organ toxicity</i>	:	single exposure - No Data Available
<i>Specific target organ toxicity</i>	:	repeated exposure - No Data Available
<i>Aspiration hazard</i>	:	No Data Available

11.2 Additional Information : RTECS: Not Available

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. The substance is not subject to classification.

SECTION 12: ECOLOGICAL INFORMATION

- 12.1 Toxicity : No Data Available
- 12.2 Persistence and degradability : No Data Available
- 12.3 Bio accumulative potential : No Data Available
- 12.4 Mobility in soil : No Data Available
- 12.5 Results of PBT and vPvB assessment:
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted
- 12.6 Other adverse effects : Water hazard class 1 (Self-assessment): slightly hazardous for water. Do not allow undiluted product to enter sewage system. Do not dispose the product unchanged in the environment.
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SECTION 13: DISPOSAL CONSIDERATIONS

- 13.1 Waste treatment methods
- Product:* Dispose of as Biohazardous waste in accordance with applicable policies and regulations.
- Contaminated Packaging:* Dispose of as Biohazardous waste in accordance with applicable regulations and laboratory policies. Do not allow product to enter sewer system.
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SECTION 14: TRANSPORT INFORMATION

- 14.1 UN number: ADR/RID: - IMDG: - IATA: -

- 14.2 UN proper shipping name: ADR/RID: Not dangerous goods
IMDG: Not dangerous goods
US DOT: Not dangerous goods
IATA: Not dangerous goods
- 14.3 Transport hazard class(es): ADR/RID: - IMDG: - IATA: -
- 14.4 Packaging group: ADR/RID: - IMDG: - IATA: -
- 14.5 Environmental hazards: ADR/RID: no IMDG Marine pollutant: no IATA: no
- 14.6 Special precautions for user: No Data Available
- 14.7 Transport in bulk according to annex II of MARPOL 73/78 and the IBC-Code Not applicable, product is not intended to be transported in bulk.
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SECTION 15: REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2008.

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:
No Data Available
- 15.2 Chemical Safety Assessment:
For this product a chemical safety assessment was not carried out.
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SECTION 16: OTHER INFORMATION

Restrictions on use: For professional laboratory use by qualified personnel only.

Full text of H-Statements referred to under sections 2 and 3.

- H302 Harmful if swallowed.
- H318 Causes serious damage to eyes
Acute tox. Acute toxicity
- H301+H331 Toxic if swallowed or if inhaled
- H310 Fatal in contact with skin.
Eye dam. serious damage to eyes
- EUH031 Contact with acids liberates toxic gas

Testo integrale delle frasi R citate nei Capitoli 2 e 3

T	Toxic
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
Xn	Harmful
R22	Harmful if swallowed.
R31	In contact with acids liberates toxic gas
R41	Causes serious damage to eyes

Further information:

Preparation Date: April 1, 2023

Revision Level and Date: Revision A, February 1, 2024

Abbreviations and Acronyms:

SDS:	Safety Data Sheet
PBT:	Persistence, Bioaccumulation, Toxicity
vPvB:	Very persistent and very bioaccumulative
STOT	specific target organ toxicity
SCBA:	Self-contained breathing apparatus
ADR:	Agreement concerning the carriage of dangerous goods by road
RID	Regulation concerning the international carriage of dangerous goods by rail
IMDG	International Maritime Dangerous Goods code
IATA	International air transport organization
DOT	US Department of Transportation
ANSI	American National Standards Institute
OSHA	Occupational Safety & Health Administration (US)

Information related to the Regulation EC/1272/2008

This product is intended for **IN VITRO diagnostic use only**. NOT FOR INJECTION OR INGESTION. The information herein is believed to be correct as of the date hereof and excludes any guarantee related with the final use given to the product, being the recipient the last responsible for observing the local laws applicable in each case.