SAFETY DATA SHEET

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

1.1 Product identifiers

Product name	:	**TRAP-6 amide**
Product Number	:	**REF** **106956**
Brand	:	Bio/Data Corporation
CAS-No.	:	141923-40-2

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

Identified uses:

For research use only - not for human or veterinary use.

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 laboratory blood/ infectious hazard protocol

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

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

This substance is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

2.2 Label Elements:

Hazard components for labelling

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances

Synonyms:	TRAP-6 amide
Formula:	C34H57N11O8
Molecular weight:	747.90
CAS-No.:	141923-40-2
EC-No.:	N / A

SECTION 4: FIRST AID MEASURES

4.1 Description of first-aid measures

General:

Change contaminated, saturated clothing. In case of accident or unwellness, seek medical advice immediately.

After Inhalation:

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.

After Contact with skin:

Rinse cautiously with water for several minutes. If medical advice is needed, have product container or label at hand.

After Contact with eyes:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

After Ingestion:

IF SWALLOWED: rinse mouth. Never give anything by mouth to an unconscious person or a person with cramps. Get medical advice/attention if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed:

No information available.

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

No information available.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Dry Powder

Unsuitable extinguishing media: No information available.

5.2 Special hazards arising from the substance or mixture:

Carbon monoxide Carbon dioxide (CO2) Nitrogen oxides (NOx)

5.3 Advice for firefighters:

Wear a self-contained breathing apparatus and chemical protective clothing.

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

5.4 Further information:

None available

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Provide adequate ventilation. Use personal protection equipment. Avoid contact with skin, eyes and clothes. Do not breathe dust/fume/gas/mist/vapors/spray. Remove persons to safety.

6.2 Environmental precautions:

Do not allow to enter into surface water or drains. Cover drains.

6.3 Methods and materials for containment and cleaning up:

Collect spillage. Avoid dust formation.

6.4 Reference to other sections:

Safe handling: see section 7
Disposal: see section 13

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

Advice on safe handling:

Provide adequate ventilation. Use personal protection equipment. Avoid contact with skin, eyes and clothes. Do not breathe dust/fume/gas/mist/vapors/spray. Keep container tightly closed and dry.

Advice on protection against fire and explosion:

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.

Further information on handling:

No information available.

7.2 Conditions for safe storage, including any incompatibilities:

Requirements for storage rooms and vessels

Recommended storage temperature: < -15 °C

Hints on joint storage

Do not store together with: Food and feedingstuffs

Further information on storage conditions

Protect against: Heat and Humidity

7.3 Specific end use(s):

The product is intended for in-vitro diagnostic use by qualified laboratory personnel. Read and understand safety notes as given in the IFU. Use the product in accordance with the Good Laboratory Practice (GLP)

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Ingredients with workplace control parameters:

Additional advice on limit values

To date, no national critical limit values exist.

8.2 Exposure controls:

Appropriate engineering controls

Provide adequate ventilation as well as local exhaustion at critical locations.

Protective and hygiene measures

Work in well-ventilated zones or use proper respiratory protection. Only wear fitting, comfortable and clean protective clothing. Avoid contact with skin, eyes and clothes. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat, drink or smoke.

Eye/face protection

Suitable eye protection:

Eye glasses with side protection

goggles

Hand protection

Wear protective gloves.

Suitable material: NBR (Nitrile rubber), Butyl caoutchouc (butyl rubber)

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Skin protection

Protective clothing

Respiratory protection

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.:

Self-contained respirator (breathing apparatus) (DIN EN 133)

Combination filtering device (EN 14387)

Environmental exposure controls

Avoid release to the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Physical state:	solid
Color:	white
Odor:	This information is not available.
pH-Value:	No data available

Changes in the physical state

Melting point:	No data available
Initial boiling point and boiling range:	No data available
Sublimation point:	No data available
Softening point:	No data available
Flash point:	No data available
Sustaining combustion:	No data available

Explosive properties	No data available
Lower explosion limits:	No data available
Upper explosion limits:	No data available
Ignition temperature:	No data available
Decomposition temperature:	No data available
Oxidizing properties	No data available
Vapor pressure:	No data available
Density:	No data available
Bulk density:	No data available

Water solubility:	1 g/L (at 25 °C)
Partition coefficient:	No data available
Viscosity / dynamic:	No data available
Viscosity / kinematic:	No data available
Vapor density:	No data available
Evaporation rate:	No data available
Solvent content:	No data available

9.2 Other safety information:

No Data Available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

The product is stable under storage at normal ambient temperatures.

10.2 Chemical stability:

The substance is chemically stable under recommended conditions of storage, use and temperature.

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:

Thermal decomposition can lead to the escape of irritating gases and vapours.
Further information: No data available

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

Acute toxicity	:	Based on available data, the classification criteria are not met.
Irritation and corrosivity	:	Based on available data, the classification criteria are not met.
Sensitizing effects	:	Based on available data, the classification criteria are not met.
STOT-single exposure	:	Based on available data, the classification criteria are not met.
STOT-repeated exposure	:	Based on available data, the classification criteria are not met.
Aspiration hazard	:	Based on available data, the classification criteria are not met.

11.2 Additional Information

No data available

SECTION 12: ECOLOGICAL INFORMATION

12.1	Toxicity	:	The product has not been tested.
12.2	Persistence and degradability	:	The product has not been tested.
12.3	Bio accumulative potential	:	The product has not been tested.
12.4	Mobility in soil	:	The product has not been tested.
12.5	Results of PBT and vPvB assessment	:	The product has not been tested.
12.6	Other adverse effects	:	No information available.
	Further information	:	Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Disposal recommendations

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

SECTION 14: TRANSPORT INFORMATION

14.1.	UN number	:	No dangerous good in sense of this transport regulation.
14.2.	UN proper shipping name	:	No dangerous good in sense of this transport regulation.
14.3.	Transport hazard class(es)	:	No dangerous good in sense of this transport regulation.
14.4.	Packing group	:	No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1.	UN number	:	No dangerous good in sense of this transport regulation.
14.2.	UN proper shipping name	:	No dangerous good in sense of this transport regulation.
14.3.	Transport hazard class(es)	:	No dangerous good in sense of this transport regulation.
14.4.	Packing group	:	No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1.	UN number	:	No dangerous good in sense of this transport regulation.
14.2.	UN proper shipping name	:	No dangerous good in sense of this transport regulation.
14.3.	Transport hazard class(es)	:	No dangerous good in sense of this transport regulation.
14.4.	Packing group	:	No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

14.1.	UN number	:	No dangerous good in sense of this transport regulation.
14.2.	UN proper shipping name	:	No dangerous good in sense of this transport regulation.
14.3.	Transport hazard class(es)	:	No dangerous good in sense of this transport regulation.
14.4.	Packing group	:	No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No dangerous good in sense of this transport regulation.

SECTION 15: REGULATORY INFORMATION

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

National regulatory information

15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

SECTION 16: OTHER INFORMATION

Further information:

Revisions:

General revision according to regulation (EC) 2015/830

Abbreviations and Acronyms:

ADR: Accord européen sur le transport des merchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID: Règlement international conernat 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 Organization
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
CAS: Chemical Abstracts Service (division of the American Chemical Society)
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
CLP: Regulation on Classification, Labelling and Packaging of Substances and Mixtures
ATE: Acute toxic estimate
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
EC50: Effective concentration, 50 percent
DNEL: Derived No Effect Level
PNEC: Predicted No Effect Concentration
PBT: Persistent, Bio accumulative and Toxic
vPvB: very Persistent and very Bio accumulative

Further information:

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights.

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

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.