Safety Data Sheet (SDS) According to the REACH Regulation (EC) No. 1907/2006

Issuing Date: 2022-10-20 **Version:** 1

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

1.1 Product identifier

Product No	7TM0331A
Product name	pS493/pS495-PTH1 (phospho Parathyroid Hormone Receptor 1) Antibody
Reach registration number	This substance/mixture contains only ingredients which have been registered, or are exempt from registration, according to Regulation (EC) No. 1907/2006.

Contains

Chemical Name	Index No.	CAS No
sodium azide (0 - 10%)	011-004-00-7	26628-22-8

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

Identified uses For research use only

1.3. Details of the supplier of the safety data sheet

Supplier

7TM Antibodies GmbH

Hans-Knöll-Str. 6

07745 Jena – Germany

TEL: ++49 151 20130575

FAX: ++49 3641 241 49 58

Email: info@7tmantibodies.com

Website: 7tmantibodies.com

1.4. Emergency Telephone Number

Emergency telephone - Tel: +49 151 20130575 (09.00-18.00/Mo-Fr)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

This substance is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

2.2. Label elements

Supplemental hazard statement(s)

EUH210 - Safety data sheet available on request

2.3. Other hazards

May produce an allergic reaction.

For the full text of the H-phrases & EUH-phrases mentioned in this Section, see Section 16

SECTION 3: Composition/information on ingredients

3.1. Substances

Chemical Name	CAS No	Weight %	EC No	Classification (1272/2008)	REACH Registration Number
sodium azide	26628-22-8	0.02	247-852-1	Acute Tox. 2 (H300) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) (EUH032)	No data available

For the full text of the H-phrases & EUH-phrases mentioned in this Section, see Section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice	Use first aid treatment according to the nature of the injury. When symptoms persist or in all cases of doubt seek medical advice.
Inhalation	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention immediately if symptoms occur.
Skin contact	Wash skin with soap and water.
Eye contact	Rinse thoroughly with plenty of water, also under the eyelids. Keep eye wide open while rinsing. Get medical attention immediately if irritation persists
Ingestion	Clean mouth with water and afterwards drink plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

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

Symptoms of allergic reaction may include rash, itching, swelling, trouble breathing, tingling of the hands and feet, dizziness, lightheadedness, chest pain, muscle pain, or flushing.

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

Notes to physician Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable Extinguishing Media	No information available.

5.2. Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating gases and vapors.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	Avoid contact with skin, eyes and clothing. Use personal protective equipment. For personal protection see section 8.
For emergency responders	Use personal protection recommended in Section 8.

6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Prevent entry into waterways, sewers, basements or confined areas.

6.3. Methods and material for containment and cleaning up

Methods for containment	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Soak up with inert absorbent material. Pick up and transfer to properly labeled containers

6.4. Reference to other sections

See Sections 8 & 13 for additional information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Wear personal protective equipment. See section 8. Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Handle in accordance with good industrial hygiene and safety practice. Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place.

7.3. Specific end use(s)

Use as a laboratory reagent

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Chemical Name	European Union	United Kingdom	France	Spain	Germany
sodium azide	TWA 0.1 mg/m^3 STEL 0.3 mg/m^3 S*	STEL 0.3 mg/m^3 TWA 0.1 mg/m^3 Skin	TWA 0.1 mg/m^3 STEL 0.3 mg/m^3 P*	TWA 0.1 mg/m^3 STEL 0.3 mg/m^3 S*	TWA: 0.2 mg/m^3 Ceiling / Peak: 0.4 mg/m^3
Chemical Name	**Italy**	**Portugal**	**Netherlands**	**Finland**	**Denmark**
sodium azide	TWA 0.1 mg/m^3 STEL 0.3 mg/m^3 Pelle*	TWA 0.1 mg/m^3 STEL 0.3 mg/m^3 Ceiling 0.29 mg/m^3 Ceiling 0.11 ppm C(A4) P*	STEL 0.3 mg/m^3 TWA 0.1 mg/m^3 Huid*	TWA 0.1 mg/m^3 STEL 0.3 mg/m^3 iho	TWA 0.1 mg/m^3 H*
Chemical Name	**Austria**	**Switzerland**	**Poland**	**Norway**	**Ireland**
sodium azide	STEL 0.3 mg/m^3 TWA 0.1 mg/m^3	TWA 0.2 mg/m^3 STEL 0.4 mg/m^3	STEL 0.3 mg/m^3 TWA 0.1 mg/m^3	TWA 0.1 mg/m^3 STEL 0.1 mg/m^3	TWA 0.1 mg/m^3 STEL 0.3 mg/m^3 Skin

8.2. Exposure controls

Appropriate engineering controls Showers, eyewash stations, and ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face	If splashes are likely to occur, wear: Tightly fitting safety goggles
Hand	Impervious gloves
Skin (expect hand)	Wear suitable protective clothing.
Respiratory	When workers are facing concentrations above the exposure limit they must use appropriate certified respirators

Environmental Exposure Controls No information available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	liquid
Appearance	clear
Odor	No information available
Odor Threshold	No information available
Color	colorless

Property	Value	Remarks/Method
ph	7.5	at 20°C
Melting point/freezing point		No information available
Initial boiling point and boiling range		No information available
Flash point		No information available
Evaporation rate		No information available
Flammability (solid, gas)		No information available
Upper flammability limit		No information available
Lower flammability limit		No information available
Vapor pressure		No information available
Vapor density		No information available
Relative density		No information available
Solubility		No information available
Partition coefficient: n-octanol/water		No information available
Autoignition temperatur		No information available
Decomposition temperature		No information available
Viscosity		No information available
Explosive properties		No information available
Oxidizing properties		No information available

9.2. Other information

Softening point	No information available
Molecular Weight	No information available
Solubility in other solvents	No information available
VOC content	No information available
Density	No information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous polymerization	Hazardous polymerization does not occur
Hazardous reactions	None under normal processing.

10.4. Conditions to avoid

Extremes of temperature and direct sunlight. Over a period of time, sodium azide may react with copper, lead, brass, or solder in plumbing systems to form an accumulation of the HIGHLY EXPLOSIVE compounds of lead azide & copper azide

10.5. Incompatible materials

Strong oxidizing agents. Strong acids.

10.6. Hazardous decomposition products

Nitrogen oxides (NOx).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

This product is for experimental uses only. The product has not been completely analyzed and all of the hazards may not be known. Please use caution while handling this product.

Chemical Name	LD50 oral	LD50 dermal	LD50 inhalation
Sodium azide	27 mg/kg (Rat)	20 mg/kg (Rabbit) 50 mg/kg (Rat)	-

Information on likely routes of exposure

Inhalation	Avoid breathing vapors or mists. May cause irritation of respiratory tract.
Eye contact	Avoid contact with eyes. May cause slight irritation.
Skin contact	Avoid contact with skin.
Ingestion	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Symptoms	Symptoms of allergic reaction may include rash, itching, swelling, trouble breathing, tingling of the hands and feet, dizziness, lightheadedness, chest pain, muscle pain, or flushing.
Skin corrosion/irritation	No information available.
Serious eye damage/eye irritation	No information available.
Sensitization	No information available.
Mutagenic effects	No information available.
Carcinogenic effects	No information available.
Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposur	No information available.
Aspiration Hazard	No information available.
Other information	No information available.

SECTION 12: Ecological information

12.1. Toxicity

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
Sodium azide	EC50 0.35 mg/L (Pseudokirchneriella subcapitata) 96 h	LC50 0.8 mg/L (Oncorhynchus mykiss) 96 h LC50 5.46 mg/L (Pimephales promelas) 96 h LC50 0.7 mg/L (Lepomis macrochirus) 96 h	LC100 1 mg/L (Orconectes rusticus) 96 h

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

Bioaccumulation	No information available.
Bioconcentration factor (BCF)	No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues / unused products	Dispose of in accordance with local regulations.
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal.
Other information	Waste codes should be assigned by the user based on the application for which the product was used.

SECTION 14: Transport information

IMDG/IMO

UN number	Not regulated
UN proper shipping name	Not regulated
Transport hazard class(es)	Not regulated
Packing group	Not regulated
Environmental hazards	None
Special precautions for user	None
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not regulated

	ADR/RID	IATA
UN number	Not regulated	Not regulated
UN proper shipping name	Not regulated	Not regulated
Transport hazard class(es)	Not regulated	Not regulated
Packing group	Not regulated	Not regulated
Environmental hazards	None	None
Special precautions for user	None	None

SECTION 15: Regulatory information

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

Candidate List of Substances of Very High Concern for Authorization Information

This product does not contain Substances of Very High Concern (SVHC).

SEVESO Directive Information

This product does not contain substances identified in the SEVESO Directive.

International inventories

TSCA 8(b)	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	-
IECSC	Complies
KECL	-
PICCS	-
AICS	Complies

International inventories legend

TSCA 8(b)	United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL	Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS	European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances
ENCS	Japan Existing and New Chemical Substances
IECSC	China Inventory of Existing Chemical Substances
KECL	Korean Existing and Evaluated Chemical Substances
PICCS	Philippines Inventory of Chemicals and Chemical Substances
AICS	Australian Inventory of Chemical Substances

15.2. Chemical safety assessment

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

SECTION 16: Other information

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

This substance/mixture does not meet the criteria for classification in accordance with Regulation (EC) No. 1272/2008.

Classification procedure: Expert judgment and weight of evidence determination.

Issuing Date: 2020-10-10

Disclaimer:

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