

TESTO-RIA-CT - KIP1709

Safety Data sheet According to regulation (EU) 2020/878

Date of issue: 20.08.2024

Revision date: 28.03.2025

Version/Replaced version: 1.1/1.0

The Safety Date Sheet is usable for:

KIP1709 TESTO-RIA-CT

Refer to the instructions for the full list of product components

Single components with dangerous ingredients :

REF	Name	Symbol	Version
3117003	Tracer (iodine 125 Ag)	Ag 125	1.0
3217052	Calibrator 0	_ CAL 0	1.0
3217059	Calibrators 1-N		1.0
3501020	Wash SolN Conc	WASH SOLN CONC	2.0

Read the MSDS for the component on the following pages.

Single components containing biological material $\ensuremath{\textcircled{\$}}$ $\ensuremath{\textcircled{\$}}$:

REF	Name	Origin material	Symbol
3117043	Tracer (iodine 125 Ag)	Animal origin	Ag 125
3217048	Coated tubes	Animal origin	Ū
3217052	Calibrator 0	Human origin	CAL 0
3217056	Control 1	Human origin	CONTROL 1
3217057	Control 2	Human origin	CONTROL 2
3217059	Calibrators 1-N	Animal origin	

Single components for single use \otimes :

REF	Name	Symbol
3217048	Coated tubes	Ū

Not listed single components contain no hazardous substances in concentrations to be declared, a labelling is not required.



Tracer (iodine 125 Ag) – 3117043

Safety Data sheet

According to regulation (EU) 2020/878

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1 Ide	entification of substan	ce/mixture and compar	V
1.1 Product fo	Product identifier	: Mixture	
Product n	ame	: Tracer (iodine 125 Ag)	
Catalog #		: 3117043	REF
1.2		of substance or mixture and	uses advised against
1.2.1 Use of the	Relevant identified uses e substance/mixture	: Laboratory reagent, Immun Use by professionals	passays
1.2.2 No additio	Uses advised against onal information available		
DIAsource Rue du B B-1348 Lo Belgium Tel. Nr. +	Details of the supplier of Manufacturer e ImmunoAssays S.A. osquet, 2 ouvain-la-Neuve 32 (0)10/84.99.11 oducts.support@diasource.be		
Centre Ar	Emergency telephone nu e (only office hours) nti-Poisons (BE) fer to your local Anti-Poison C	: +32 (0)10/84.99.23 : 070 245 245	
2 Ha	zards identification		
2.1	Classification of the subs	stance or mixture	
Not class	tion according to Regulation ified as hazardous g to EC directives or correspor		t does not need to be classified or labelled
2.2	Label element		
Hazard sy Signal wo Hazard st	according to Regulation (EC) /mbol (CLP) rd (CLP) atement (CLP) n statement (CLP)	 Not classified as hazardo Not classified as hazardo Not hazard statement P280 Wear protective glo P305+P351+P338 If in ey contact lenses, if present 	
2.3	Other hazards		

Radioactive material A: This mixture contains lodine-125, the activity of the mixture is indicated on the product label.lodine-125 is a gamma-rays (35,5 keV) and X-rays (28 keV) emitter. Radiation can be protected by 1mm of lead. Half-life: 59.4 days.

This product contains concentrations of azide below the hazardous level which with repeated contact with lead and copper commonly found in plumbing drains may result in the build up of shock sensitive compounds. Sodium azide forms explosive compounds with heavy metals.

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

3 Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Sodium Azide	(CAS N°) 26628-22-8 (EC N°) 247-852-1	≤ 0,03	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
	(EC Index N°) 011-004-00-7		



Tracer (iodine 125 Ag) - 3117043

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Date of issue: 20.08.2024 Revision date: -Version/Replaced version: 1.0/-Full text of H-statements: see section16 4 First aid measures 4.1 Description of first aid measures Get medical advice/attention if you feel unwell. If possible show him this sheet. Failing this, First-aid measures general show him the packaging or label. Never give anything by mouth to an unconscious person. Place the affected person in the recovery position. First-aid measures after inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. First-aid measures after skin contact Take off immediately all contaminated clothing. Gently wash with plenty of soap and water. First-aid measures after eye contact IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Rinse mouth. Do NOT induce vomiting. Drink plenty of water as a precaution. First-aid measures after ingestion ÷ Most important symptom and effects, both acute and delayed 4.2 Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use. Indication of any immediate medical attention and special treatment needed 4.3 Treat symptomatically. 5 **Firefighting measures** 5.1 **Extinguishing media** Suitable extinguishing media Adapt extinguishing agents to the environment. Carbon dioxide. Foam. Dry extinguishing powder. Water spray. Unsuitable extinguishing media Do not use a heavy water stream. : 5.2 Special hazards arising from the substance or mixture Hazardous decomposition products in case of : Toxic gases may be formed. Carbon dioxide. Carbon monoxide. fire 5.3 Advice for firefighters **Firefighting instructions** : Prevent firefighting water from entering the environment. Use water spray or fog for cooling exposed containers. Protection during firefighting Use a self-contained breathing apparatus and also a protective suit. 6 Accidental release measures 6.1 Personal precautions, protective equipment and emergency procedures General measures Ensure adequate air ventilation. Avoid contact with skin and eyes. Do not breathe vapours/spray. 6.1.1 For non-emergency personnel Emergency procedures : Evacuate unnecessary personnel. 6.1.2 For emergency responders Protective equipment Use personal protective equipment as required. In case of inadequate ventilation wear respiratory protection. **Environmental precautions** 6.2 Contain spill to prevent migration. Do not allow the undiluted product to enter sewers/surface or ground water. Methods and material for containment and cleaning up 6.3 Methods for cleaning up Absorb spills to prevent radioactive contamination. Absorb spills with absorbent material, such as paper towels. Decontaminate with suitable products. Dispose of in accordance with relevant local regulations. 6.4 Reference to other sections Exposure controls and personal protection, see section 8. Concerning disposal elimination after cleaning, see section 13. Handling and storage 7.1 Precautions for safe handling Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Avoid contact with skin and eyes. Do not breathe vapour/aerosol. Handle in accordance with good industrial hygiene and safety procedures. When using do not Hygiene measures eat, drink or smoke. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Conditions for safe storage, including any incompatibilities 7.2 Storage conditions Store in original container. Keep container tightly closed. To maintain product quality, store according to the instructions in the product labeling. Prohibitions on mixed storage : Keep away from food, drink and animal feeding stuffs.

Incompatible materials Printing date 18-04-25 : No additional information available.



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7.3	Specific end use(s)
Laboratory	reagent, Immunoassays

8 Exposure controls/personnel protection

8.1Control parametersThe product does not contain any relevant quant	ties of materials with critical values that have to be monitored at the workplace.
8.2 Exposure controls	
Appropriate engineering controls	: Provide local exhaust or general room ventilation to minimize vapour concentrations.
Hand protection	: Wear suitable gloves (EN 374). Nitrile rubber, 0.35 mm. Butyl rubber, 0.5 mm. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
Eye protection	: Wear safety glasses (EN 166).
Skin and body protection	: Wear suitable protective clothing.
Respiratory protection	: Under normal conditions, the use of this product should not require respiratory protection.
Environmental exposure controls	: Avoid release to the environment.

Physical and chemical properties 9

9.1 Information on basic physical and chemical properties Physical state : Liquid Colour : Colorless Odor : Odorless : No data available Melting point/freezing point Boiling point or initial boiling point and boiling range No data available : No data available Flammability Lower and upper explosion limit : No data available : No data available Flash point Auto-ignition temperature : No data available : No data available Decomposition temperature pН [3.0 - 5.0] @ 20°C ÷ : No data available Kinematic viscosity Solubility : No data available Partition coefficient n-octanol/water (log value) : Not applicable : No data available Vapour pressure Density and/or relative density ÷., 1.00 @ 20°C Relative vapour density : No data available Particle size : Not applicable

9.2 Other information

9.2.1 Information with regard to physical hazard classes Explosive properties : No explosive properties Oxidising properties : No oxidising properties

9.2.2 Other safety characteristics

No additional information available

10 Stability and reactivity

10.1 Reactivity

No dangerous reactions known under normal conditions of use.

10.2 **Chemical stability**

Stable under use and storage conditions as recommended in section 7.

10.3 Possibility of hazardous reactions

None under normal use.

10.4 **Conditions to avoid**

Avoid exposure to heat and direct sunlight.

10.5 Incompatible materials

No additional information available.

10.6 Hazardous decomposition products

No hazardous decomposition products known at room temperature. In case of fire: Toxic gases may be formed. Carbon dioxide. Carbon monoxide.



Tracer (iodine 125 Ag) - 3117043

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11 Toxicological information	
	ined in Regulation (EC) No 1272/2009
11.1 Information on hazard classes as defi Acute toxicity	: Not classified
	Based on available data, the classification criteria are not met
Skin corrosion/irritation	: Not classified
	Based on available data, the classification criteria are not met
Serious eye damage/irritation	: Not classified
	Based on available data, the classification criteria are not met
Respiratory or skin sensitization	: Not classified
	Based on available data, the classification criteria are not met
Germ cell mutagenicity	: Not classified
	Based on available data, the classification criteria are not met
Carcinogenicity	: Not classified
Deproductive tovicity	Based on available data, the classification criteria are not met
Reproductive toxicity	: Not classified Based on available data, the classification criteria are not met
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (single exposure)	Based on available data, the classification criteria are not met
Specific target organ toxicity (repeated exposure)	: Not classified
	Based on available data, the classification criteria are not met
Aspiration hazard	: Not classified
	Based on available data, the classification criteria are not met
11.2 Information on other hazards	
Potential adverse human health effects and symptor	ms : Based on available data, the classification criteria are not met
12 Ecological information	
12.1 Toxicity	
1 ,	Not classified
	Not classified
12.2 Persistence and degradability	
Not required for inorganic substances.	
12.3 Bioaccumulative potential	
Not required for inorganic substances.	
12.4 Mobility in soil	
No additional information available.	
12.5 Results of PBT and vPvB assessment	t
Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
12.6 Endocrine disrupting properties	
No additional information available.	
12.7 Other adverse effects	
No additional information available.	
13 Disposal considerations	
13.1 Waste treatment methods	
o o ()	Dispose in a safe manner in accordance with local/national regulations.
	Do not empty into drains. Dispose of this material and its container in a safe way. The waste code number according to the Ordinance on the European Waste Catalogue
	depends on the waste producer and can therefore vary for any given product. The waste
	code number is therefore to be gleaned separately from each waste producer.
14 Transport information	
In accordance with ADR / IMDG / IATA	
14.1 UN number or ID number	
UN-No. (ADR)	: Not applicable
UN-No. (IMDG)	: Not applicable
UN-No. (IATA)	: Not applicable
· · ·	



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14.2 UN proper shipping name		
Proper Shipping Name (ADR)	: Not applicable	
Proper Shipping Name (IMDG)	: Not applicable	
Proper Shipping Name (IATA)	: Not applicable	
14.3 Transport hazard class(es)		
Transport hazard class(es) (ADR)	: Not applicable	
Transport hazard class(es) (IMDG)	: Not applicable	
Transport hazard class(es) (IATA)	: Not applicable	
14.4 Packing group		
Packing group (ADR)	: Not applicable	
Packing group (IMDG)	: Not applicable	
Packing group (IATA)	: Not applicable	
14.5 Environmental hazards		
Dangerous for the environment	: No	
Marine pollutant	: No	
Other information	: No supplementary information available	
14.6 Special precautions for user		
Overland transport	: Not applicable	
Transport by sea	: Not applicable	
Air transport	: Not applicable	
14.7 Maritime transport in bulk accord	rding to IMO instruments	

Not applicable

15 Regulatory information

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

15.1.1 EU-Regulations

Contains no substance on the REACH candidate list.

Contains no REACH Annex XIV substances.

15.1.2 National regulations

Comply with applicable local regulations.

15.2 Chemical safety assessment

No chemical safety assessment has been carried out.

16 Other information	
Data sources	: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Change compared to the previous version $\,$: -

Abbreviations a ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road	
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures	
DMEL	Derived Minimal Effect Level	
DNEL	Derived No-Effect Level	
EC50	The effective concentration of substance that causes 50% of the maximum response (Median Effective Concentration)	
IATA	International Air Transport Association	
IMDG	"International Maritime Dangerous Goods Code" for the transport of dangerous goods by sea	
LC50	Lethal Concentration to 50 % of a test population (Median Lethal Concentration)	
LD50	Lethal Dose to 50% of a test population (Median Lethal Dose)	
LOAEL	Lowest Observed Adverse Effect Level	
NOAEC/L	No Observed Adverse Effect Concentration/Level	
NOEC/L	No Observed Effect Concentration/Level	
OECD	Organisation for Economic Cooperation and Development	
PBT	Persistent, Bioaccumulative and Toxic substance	
PNEC	Predicted No-Effect Concentration	



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REACH	Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals
SDS	Safety Data Sheet
STP	Sewage Treatment Plant
UFI	Unique Formula Identifier
vPvB	Very Persistent and Very Bioaccumulative
Full text of H- and E	UH-phrases:
Aquatic Acute,1	Aquatic Hazard Acute, Category 1
Aquatic Chronic,1	Aquatic Hazard Long term, Category 1
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.



Date of issue: 20.08.2024

Calibrator 0 – 3217052

Safety Data sheet

According to regulation (EU) 2020/878

Version/Replaced version: 1.0/-

1 Ider	ntification of substa	nce/mixture and company
1.1	Product identifier	
Product for	m	: Mixture
Product na	me	: Calibrator 0 CAL 0
Catalog #		: 3217052 REF
1.2	Relevant identified use	s of substance or mixture and uses advised against
1.2.1	Relevant identified uses	
Use of the	substance/mixture	: Laboratory reagent, Immunoassays Use by professionals
1.2.2 No additior	Uses advised against nal information available	
1.3	Details of the supplier of	of the safety data sheet
Supplier/N	lanufacturer	
DIAsource	ImmunoAssays S.A.	
Rue du Bos		
	uvain-la-Neuve	
Belgium		
	2 (0)10/84.99.11	
E-mail: pro	ducts.support@diasource.	<u>.be</u>
1.4	Emergency telephone r	
	(only office hours)	: +32 (0)10/84.99.23
	i-Poisons (BE)	: 070 245 245
	er to your local Anti-Poison	i Center!
2 Haz	ards identification	
2.1	Classification of the su	bstance or mixture
Classificati	on according to Regulatio	on (EC) N° 1272/2008 (CLP)
Not classifi	ed as hazardous	
According	to EC directives or corresp	ponding national laws, the product does not need to be classified or labelled
2.2	Label element	
Labelling a	ccording to Regulation (EC	C) N° 1272/2008 (CLP)
Hazard symbol (CLP) : Not classified as hazardous		
Signal word	d (CLP)	: Not classified as hazardous
Hazard sta	tement (CLP)	: Not hazard statement
Precaution statement (CLP) : P280 Wear protective gloves, protective clothing, eye protection, face protection		
		P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
		P309+310 IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician
2.3	Other hazards	
This produc	ct contains concentrations	of azide below the hazardous level which with repeated contact with lead and copper commonly found in plumbing

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drains may result in the build up of shock sensitive compounds. Sodium azide forms explosive compounds with heavy metals. The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

3 Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Sodium Azide	(CAS N°) 26628-22-8 (EC N°) 247-852-1	≤ 0,5	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
	(EC Index N°) 011-004-00-7		

Full text of H-statements: see section16



Safety Data sheet

According to regulation (EU) 2020/878

Date of issue: 20.08.2024 Revision date: -Version/Replaced version: 1.0/-4 First aid measures 4.1 Description of first aid measures First-aid measures general Get medical advice/attention if you feel unwell. If possible show him this sheet. Failing this, show him the packaging or label. Never give anything by mouth to an unconscious person. Place the affected person in the recovery position. First-aid measures after inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing. Take off immediately all contaminated clothing. Gently wash with plenty of soap and water. First-aid measures after skin contact First-aid measures after eye contact IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. First-aid measures after ingestion Rinse mouth. Do NOT induce vomiting. Drink plenty of water as a precaution. 4.2 Most important symptom and effects, both acute and delayed Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use. 4.3 Indication of any immediate medical attention and special treatment needed Treat symptomatically. 5 **Firefighting measures** 5.1 Extinguishing media Adapt extinguishing agents to the environment. Carbon dioxide. Foam. Dry extinguishing Suitable extinguishing media powder. Water spray. Unsuitable extinguishing media • Do not use a heavy water stream. 5.2 Special hazards arising from the substance or mixture Hazardous decomposition products in case of : Toxic gases may be formed. Carbon dioxide. Carbon monoxide. fire 5.3 Advice for firefighters Firefighting instructions Prevent firefighting water from entering the environment. Use water spray or fog for cooling exposed containers Protection during firefighting Use a self-contained breathing apparatus and also a protective suit. 6 Accidental release measures 6.1 Personal precautions, protective equipment and emergency procedures General measures Ensure adequate air ventilation. Avoid contact with skin and eyes. Do not breathe vapours/spray. 6.1.1 For non-emergency personnel Emergency procedures : Evacuate unnecessary personnel. 6.1.2 For emergency responders Use personal protective equipment as required. In case of inadequate ventilation wear Protective equipment respiratory protection. 6.2 **Environmental precautions** Contain spill to prevent migration. Do not allow the undiluted product to enter sewers/surface or ground water. Methods and material for containment and cleaning up 6.3 Methods for cleaning up Absorb spillage to prevent material damage. Wipe up with absorbent material (for example cloth). Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Dispose of in accordance with relevant local regulations. 6.4 Reference to other sections Exposure controls and personal protection, see section 8. Concerning disposal elimination after cleaning, see section 13. 7 Handling and storage 7.1 Precautions for safe handling Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Avoid contact with skin and eyes. Do not breathe vapour/aerosol. Hygiene measures Handle in accordance with good industrial hygiene and safety procedures. When using do not eat, drink or smoke. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Conditions for safe storage, including any incompatibilities 7.2 Storage conditions Store in original container. Keep container tightly closed. To maintain product quality, store according to the instructions in the product labeling. Prohibitions on mixed storage Keep away from food, drink and animal feeding stuffs. Incompatible materials No additional information available.



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7.3	Specific end use(s)
Laboratory	reagent, Immunoassays

8 Exposure controls/personnel protection

8.1 Control parameters					
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.					
8.2 Exposure controls					
Appropriate engineering controls	: Provide local exhaust or general room ventilation to minimize vapour concentrations.				
Hand protection	: Wear suitable gloves (EN 374). Nitrile rubber, 0.35 mm. Butyl rubber, 0.5 mm. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.				
Eye protection	: Wear safety glasses (EN 166).				
Skin and body protection	: Wear suitable protective clothing.				
Respiratory protection	: Under normal conditions, the use of this product should not require respiratory protection.				
Environmental exposure controls	: Avoid release to the environment.				

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties Physical state : Liquid Colour : Amber Odor : Odorless : No data available Melting point/freezing point Boiling point or initial boiling point and boiling range No data available Flammability : No data available Lower and upper explosion limit : No data available : No data available Flash point Auto-ignition temperature : No data available : No data available Decomposition temperature pН [7.5 – 8.5] @ 20°C ÷ : No data available Kinematic viscosity Solubility : No data available Partition coefficient n-octanol/water (log value) : Not applicable : No data available Vapour pressure Density and/or relative density . 1.02 @ 20°C Relative vapour density : No data available Particle size : Not applicable 9.2 Other information

 9.2.1
 Information with regard to physical hazard classes

 Explosive properties
 : No explosive properties

 Oxidising properties
 : No oxidising properties

9.2.2 Other safety characteristics No additional information available

10 Stability and reactivity

10.1 Reactivity

No dangerous reactions known under normal conditions of use.

10.2 Chemical stability

Stable under use and storage conditions as recommended in section 7.

10.3 Possibility of hazardous reactions

None under normal use.

10.4 Conditions to avoid

Avoid exposure to heat and direct sunlight.

10.5 Incompatible materials

No additional information available.

10.6 Hazardous decomposition products

No hazardous decomposition products known at room temperature. In case of fire: Toxic gases may be formed. Carbon dioxide. Carbon monoxide.



Safety Data sheet

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Version/Replaced version: 1.0/-

Date of issue: 20.08.2024

Revision date: -

1 Toxicological information 1.1 Information on hazard classes as def	ined in Regulation (EC) No 1272/2008
Acute toxicity	: Not classified
TOULD LOAIDLY	Based on available data, the classification criteria are not met
Skin corrosion/irritation	: Not classified
	Based on available data, the classification criteria are not met
Serious eye damage/irritation	: Not classified
	Based on available data, the classification criteria are not met
Respiratory or skin sensitization	: Not classified
	Based on available data, the classification criteria are not met
Germ cell mutagenicity	: Not classified
	Based on available data, the classification criteria are not met
Carcinogenicity	: Not classified
	Based on available data, the classification criteria are not met
Reproductive toxicity	: Not classified
	Based on available data, the classification criteria are not met
Specific target organ toxicity (single exposure)	: Not classified
	Based on available data, the classification criteria are not met
Specific target organ toxicity (repeated exposure)	: Not classified
Association bazard	Based on available data, the classification criteria are not met : Not classified
Aspiration hazard	Based on available data, the classification criteria are not met
	שמשבע טון מימוומטוב עמנמ, וווב טומשטוויטון טוונפוומ מופ ווטנ ווופנ
11.2 Information on other hazards	
Potential adverse human health effects and sympton	ns : Based on available data, the classification criteria are not met
12 Ecological information	
Table its	
12.1 Toxicity	
-	Not classified
Acute aquatic toxicity :	Not classified Not classified
Acute aquatic toxicity : Chronic aquatic toxicity :	
Acute aquatic toxicity : Chronic aquatic toxicity : 12.2 Persistence and degradability	
Acute aquatic toxicity : Chronic aquatic toxicity : 12.2 Persistence and degradability Not required for inorganic substances.	
Acute aquatic toxicity : Chronic aquatic toxicity : 12.2 Persistence and degradability Not required for inorganic substances. : 12.3 Bioaccumulative potential	
Acute aquatic toxicity : Chronic aquatic toxicity : 12.2 Persistence and degradability Not required for inorganic substances. : 12.3 Bioaccumulative potential Not required for inorganic substances. :	
Acute aquatic toxicity:Chronic aquatic toxicity:12.2Persistence and degradabilityNot required for inorganic substances.12.3Bioaccumulative potentialNot required for inorganic substances.12.4Mobility in soil	
Acute aquatic toxicity : Chronic aquatic toxicity : 12.2 Persistence and degradability Not required for inorganic substances. : 12.3 Bioaccumulative potential Not required for inorganic substances. : 12.4 Mobility in soil No additional information available. :	Not classified
Acute aquatic toxicity : Chronic aquatic toxicity : 12.2 Persistence and degradability Not required for inorganic substances. 12.3 Bioaccumulative potential Not required for inorganic substances. 12.4 Mobility in soil No additional information available. 12.5 Results of PBT and vPvB assessment	Not classified
Acute aquatic toxicity : Chronic aquatic toxicity : 12.2 Persistence and degradability Not required for inorganic substances. : 12.3 Bioaccumulative potential Not required for inorganic substances. : 12.4 Mobility in soil No additional information available. : 12.5 Results of PBT and vPvB assessmen Not fulfilling Persistent, Bioaccumulative and Toxic (Not classified
Acute aquatic toxicity : Chronic aquatic toxicity : 12.2 Persistence and degradability Not required for inorganic substances. : 12.3 Bioaccumulative potential Not required for inorganic substances. : 12.4 Mobility in soil No additional information available. : 12.5 Results of PBT and vPvB assessmen Not fulfilling Persistent, Bioaccumulative and Toxic (12.6 Endocrine disrupting properties	Not classified
Acute aquatic toxicity : Chronic aquatic toxicity : 12.2 Persistence and degradability Not required for inorganic substances. . 12.3 Bioaccumulative potential Not required for inorganic substances. . 12.4 Mobility in soil No additional information available. . 12.5 Results of PBT and vPvB assessmen Not fulfilling Persistent, Bioaccumulative and Toxic (12.6 Endocrine disrupting properties No additional information available.	Not classified
Acute aquatic toxicity : Chronic aquatic toxicity : 12.2 Persistence and degradability Not required for inorganic substances. : 12.3 Bioaccumulative potential Not required for inorganic substances. : 12.4 Mobility in soil No additional information available. : 12.5 Results of PBT and vPvB assessmen Not fulfilling Persistent, Bioaccumulative and Toxic (12.6 Endocrine disrupting properties No additional information available. 12.7 Other adverse effects	Not classified
Acute aquatic toxicity : Chronic aquatic toxicity : 12.2 Persistence and degradability Not required for inorganic substances. : 12.3 Bioaccumulative potential Not required for inorganic substances. : 12.4 Mobility in soil No additional information available. : 12.5 Results of PBT and vPvB assessmen Not fulfilling Persistent, Bioaccumulative and Toxic (12.6 Endocrine disrupting properties No additional information available. 12.7 Other adverse effects	Not classified
Acute aquatic toxicity : Chronic aquatic toxicity : 12.2 Persistence and degradability Not required for inorganic substances. . 12.3 Bioaccumulative potential Not required for inorganic substances. . 12.4 Mobility in soil No additional information available. . 12.5 Results of PBT and vPvB assessmen Not fulfilling Persistent, Bioaccumulative and Toxic (. 12.6 Endocrine disrupting properties No additional information available. . 12.7 Other adverse effects No additional information available. .	Not classified
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Acute aquatic toxicity:Chronic aquatic toxicity:12.2Persistence and degradabilityNot required for inorganic substances.12.3Bioaccumulative potentialNot required for inorganic substances.12.4Mobility in soilNo additional information available.12.5Results of PBT and vPvB assessmenNot fulfilling Persistent, Bioaccumulative and Toxic (12.6Endocrine disrupting propertiesNo additional information available.12.7Other adverse effectsNo additional information available.13Disposal considerations13.1Waste treatment methods	Not classified
Acute aquatic toxicity : Chronic aquatic toxicity : 12.2 Persistence and degradability Not required for inorganic substances. . 12.3 Bioaccumulative potential Not required for inorganic substances. . 12.4 Mobility in soil No additional information available. . 12.5 Results of PBT and vPvB assessmen Not fulfilling Persistent, Bioaccumulative and Toxic (12.6 Endocrine disrupting properties No additional information available. 12.7 Other adverse effects No additional information available. 13 Disposal considerations 13.1 Waste treatment methods Regional legislation (waste) :	Not classified t PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
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Acute aquatic toxicity : Acute aquatic toxicity : I2.2 Persistence and degradability Not required for inorganic substances. . I2.3 Bioaccumulative potential Not required for inorganic substances. . I2.4 Mobility in soil No additional information available. . I2.5 Results of PBT and vPvB assessmen Not fulfilling Persistent, Bioaccumulative and Toxic (I2.6 Endocrine disrupting properties No additional information available. I2.7 Other adverse effects No additional information available. I2.7 Other adverse effects No additional information available. I3.1 Waste treatment methods Regional legislation (waste) : Naste treatment methods : Waste code :	Not classified t PBT), very Persistent and very Bioaccumulative (vPvB) criteria. Dispose in a safe manner in accordance with local/national regulations. Do not empty into drains. Dispose of this material and its container in a safe way. The waste code number according to the Ordinance on the European Waste Catalogue depends on the waste producer and can therefore vary for any given product. The waste
Acute aquatic toxicity : Acute aquatic toxicity : I2.2 Persistence and degradability Not required for inorganic substances. III. I2.3 Bioaccumulative potential Not required for inorganic substances. III. I2.4 Mobility in soil No additional information available. III. I2.5 Results of PBT and vPvB assessmen Not fulfilling Persistent, Bioaccumulative and Toxic (III. III. I2.6 Endocrine disrupting properties No additional information available. III. I2.7 Other adverse effects No additional information available. III. I3.1 Waste treatment methods Regional legislation (waste) : Waste code :	Not classified t PBT), very Persistent and very Bioaccumulative (vPvB) criteria. Dispose in a safe manner in accordance with local/national regulations. Do not empty into drains. Dispose of this material and its container in a safe way. The waste code number according to the Ordinance on the European Waste Catalogue
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Acute aquatic toxicity : Chronic aquatic toxicity : 12.2 Persistence and degradability Not required for inorganic substances. 12.3 12.4 Bioaccumulative potential Not required for inorganic substances. 12.4 12.4 Mobility in soil No additional information available. 12.5 12.6 Endocrine disrupting properties No additional information available. 12.7 Other adverse effects No additional information available. 12.7 Other adverse effects No additional information available. 13.1 13.1 Waste treatment methods Regional legislation (waste) : Waste code : 14 Transport information In accordance with ADR / IMDG / IATA 14.1 14.1 UN number or ID number	Not classified t PBT), very Persistent and very Bioaccumulative (vPvB) criteria. Dispose in a safe manner in accordance with local/national regulations. Do not empty into drains. Dispose of this material and its container in a safe way. The waste code number according to the Ordinance on the European Waste Catalogue depends on the waste producer and can therefore vary for any given product. The waste code number is therefore to be gleaned separately from each waste producer.
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Safety Data sheet

According to regulation (EU) 2020/878

Date of issue: 20.08.2024	Revision date: -	Version/Replaced version: 1.0/-
14.2 UN proper shipping na	me	
Proper Shipping Name (ADR)	: Not applicable	
Proper Shipping Name (IMDG)	: Not applicable	
Proper Shipping Name (IATA)	: Not applicable	
14.3 Transport hazard class	s(es)	
Transport hazard class(es) (ADR)	: Not applicable	
Transport hazard class(es) (IMDG)	: Not applicable	
Transport hazard class(es) (IATA)	: Not applicable	
14.4 Packing group		
Packing group (ADR)	: Not applicable	
Packing group (IMDG)	: Not applicable	
Packing group (IATA)	: Not applicable	
14.5 Environmental hazards	3	
Dangerous for the environment	: No	
Marine pollutant	: No	
Other information	: No supplementary information available	
14.6 Special precautions for	r user	
Overland transport	: Not applicable	
Transport by sea	: Not applicable	
Air transport	: Not applicable	
14.7 Maritime transport in b	ulk according to IMO instruments	

Not applicable

15 Regulatory information

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

15.1.1 EU-Regulations

Contains no substance on the REACH candidate list.

Contains no REACH Annex XIV substances.

15.1.2 National regulations

Comply with applicable local regulations.

15.2 Chemical safety assessment

No chemical safety assessment has been carried out.

16 Other information	
Data sources	REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Change compared to the previous version : -

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road	
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures	
DMEL	Derived Minimal Effect Level	
DNEL	Derived No-Effect Level	
EC50	The effective concentration of substance that causes 50% of the maximum response (Median Effective Concentration)	
IATA	International Air Transport Association	
IMDG	"International Maritime Dangerous Goods Code" for the transport of dangerous goods by sea	
LC50	Lethal Concentration to 50 % of a test population (Median Lethal Concentration)	
LD50	Lethal Dose to 50% of a test population (Median Lethal Dose)	
LOAEL	Lowest Observed Adverse Effect Level	
NOAEC/L	No Observed Adverse Effect Concentration/Level	
NOEC/L	No Observed Effect Concentration/Level	
OECD	Organisation for Economic Cooperation and Development	
PBT	Persistent, Bioaccumulative and Toxic substance	
PNEC	Predicted No-Effect Concentration	



Safety Data sheet

According to regulation (EU) 2020/878

Date of issue: 20.08.2024

Revision date: -

Version/Replaced version: 1.0/-

REACH	Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals	
SDS	Safety Data Sheet	
STP	Sewage Treatment Plant	
UFI	Unique Formula Identifier	
vPvB	Very Persistent and Very Bioaccumulative	
Full text of H- and E	I- and EUH-phrases:	
Aquatic Acute,1	Aquatic Hazard Acute, Category 1	
Aquatic Chronic,1	Aquatic Hazard Long term, Category 1	
H400	Very toxic to aquatic life.	
H410	Very toxic to aquatic life with long lasting effects.	

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.



Date of issue: 20.08.2024

Calibrator 1-N - 3217059

Safety Data sheet

According to regulation (EU) 2020/878

Version/Replaced version: 1.0/-

1 Ider	ntification of substan	ce/mixture and company	V
1.1	Product identifier		
Product for		: Mixture	
Product na		: Calibrator 1-N	CALN
Catalog #		: 3217059	REF
1.2	Relevant identified uses	of substance or mixture and u	ses advised against
1.2.1	Relevant identified uses		
Use of the	substance/mixture	: Laboratory reagent, Immuno Use by professionals	assays
1.2.2 No addition	Uses advised against al information available		
1.3	Details of the supplier of	the safety data sheet	
DIAsource Rue du Bos B-1348 Lou Belgium Tel. Nr. +32 E-mail: pro 1.4 DIAsource Centre Anti	2 (0)10/84.99.11 ducts.support@diasource.be Emergency telephone nu (only office hours) i-Poisons (BE)	mber : +32 (0)10/84.99.23 : 070 245 245	
	er to your local Anti-Poison C	enter:	
	ards identification	tonoo or mixturo	
Not classifi According t		(EC) N° 1272/2008 (CLP)	does not need to be classified or labelled
2.2	Label element		
Hazard syn Signal word Hazard stai		 Not classified as hazardou Not classified as hazardou Not hazard statement P280 Wear protective glov P305+P351+P338 If in eye 	s es, protective clothing, eye protection, face protection es: Rinse cautiously with water for several minutes. Remove
2.3	Other hazards		nd easy to do. Continue rinsing you feel unwell: Call a POISON CENTER or doctor/physician
		azide below the hazardous leve	el which with repeated contact with lead and copper commonly found in plumbing

Revision date: -

drains may result in the build up of shock sensitive compounds. Sodium azide forms explosive compounds with heavy metals. The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

3 Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Sodium Azide	(CAS N°) 26628-22-8	≤ 0,5	Aquatic Acute 1, H400
	(EC N°) 247-852-1		Aquatic Chronic 1, H410
	(EC Index N°) 011-004-00-7		

Full text of H-statements: see section16



Calibrator 1-N - 3217059

Safety Data sheet

According to regulation (EU) 2020/878

Date of issue: 20.08.2024 Revision date: -Version/Replaced version: 1.0/-4 First aid measures 4.1 Description of first aid measures First-aid measures general Get medical advice/attention if you feel unwell. If possible show him this sheet. Failing this, show him the packaging or label. Never give anything by mouth to an unconscious person. Place the affected person in the recovery position. First-aid measures after inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing. Take off immediately all contaminated clothing. Gently wash with plenty of soap and water. First-aid measures after skin contact First-aid measures after eye contact IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. First-aid measures after ingestion Rinse mouth. Do NOT induce vomiting. Drink plenty of water as a precaution. 4.2 Most important symptom and effects, both acute and delayed Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use. 4.3 Indication of any immediate medical attention and special treatment needed Treat symptomatically. 5 **Firefighting measures** 5.1 Extinguishing media Adapt extinguishing agents to the environment. Carbon dioxide. Foam. Dry extinguishing Suitable extinguishing media powder. Water spray. Unsuitable extinguishing media • Do not use a heavy water stream. 5.2 Special hazards arising from the substance or mixture Hazardous decomposition products in case of : Toxic gases may be formed. Carbon dioxide. Carbon monoxide. fire 5.3 Advice for firefighters Firefighting instructions Prevent firefighting water from entering the environment. Use water spray or fog for cooling exposed containers Protection during firefighting Use a self-contained breathing apparatus and also a protective suit. 6 Accidental release measures 6.1 Personal precautions, protective equipment and emergency procedures General measures Ensure adequate air ventilation. Avoid contact with skin and eyes. Do not breathe vapours/spray. 6.1.1 For non-emergency personnel Emergency procedures : Evacuate unnecessary personnel. 6.1.2 For emergency responders Use personal protective equipment as required. In case of inadequate ventilation wear Protective equipment respiratory protection. 6.2 **Environmental precautions** Contain spill to prevent migration. Do not allow the undiluted product to enter sewers/surface or ground water. Methods and material for containment and cleaning up 6.3 Methods for cleaning up Absorb spillage to prevent material damage. Wipe up with absorbent material (for example cloth). Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Dispose of in accordance with relevant local regulations. 6.4 Reference to other sections Exposure controls and personal protection, see section 8. Concerning disposal elimination after cleaning, see section 13. 7 Handling and storage 7.1 Precautions for safe handling Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Avoid contact with skin and eyes. Do not breathe vapour/aerosol. Hygiene measures Handle in accordance with good industrial hygiene and safety procedures. When using do not eat, drink or smoke. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Conditions for safe storage, including any incompatibilities 7.2 Storage conditions Store in original container. Keep container tightly closed. To maintain product quality, store according to the instructions in the product labeling. Prohibitions on mixed storage Keep away from food, drink and animal feeding stuffs. Incompatible materials No additional information available.



Calibrator 1-N – 3217059

Safety Data sheet

According to regulation (EU) 2020/878

Date of issue: 20.08.2024

Revision date: -

Version/Replaced version: 1.0/-

7.3	Specific end use(s)
Laboratory	reagent, Immunoassays

8 Exposure controls/personnel protection

8.1Control parametersThe product does not contain any relevant quantit	ies of materials with critical values that have to be monitored at the workplace.
8.2 Exposure controls	
Appropriate engineering controls	Provide local exhaust or general room ventilation to minimize vapour concentrations.
Hand protection	: Wear suitable gloves (EN 374). Nitrile rubber, 0.35 mm. Butyl rubber, 0.5 mm. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
Eye protection	: Wear safety glasses (EN 166).
Skin and body protection	: Wear suitable protective clothing.
Respiratory protection	: Under normal conditions, the use of this product should not require respiratory protection.
Environmental exposure controls	Avoid release to the environment.

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties Physical state : Liquid Colour : Amber Odor : Odorless : No data available Melting point/freezing point Boiling point or initial boiling point and boiling range No data available Flammability : No data available Lower and upper explosion limit : No data available : No data available Flash point Auto-ignition temperature : No data available : No data available Decomposition temperature pН [7.5 – 8.5] @ 20°C ÷ : No data available Kinematic viscosity Solubility : No data available Partition coefficient n-octanol/water (log value) : Not applicable : No data available Vapour pressure Density and/or relative density : 1.02 @ 20°C Relative vapour density : No data available Particle size : Not applicable 9.2

Other information

9.2.1 Information with regard to physical hazard classes Explosive properties : No explosive properties Oxidising properties : No oxidising properties

9.2.2 Other safety characteristics

No additional information available

10 Stability and reactivity

10.1 Reactivity

No dangerous reactions known under normal conditions of use.

10.2 **Chemical stability**

Stable under use and storage conditions as recommended in section 7.

10.3 Possibility of hazardous reactions

None under normal use.

10.4 **Conditions to avoid**

Avoid exposure to heat and direct sunlight.

10.5 Incompatible materials

No additional information available.

10.6 Hazardous decomposition products

No hazardous decomposition products known at room temperature. In case of fire: Toxic gases may be formed. Carbon dioxide. Carbon monoxide.



Calibrator 1-N – 3217059

Safety Data sheet

According to regulation (EU) 2020/878

Date of issue: 20.08.2024

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Revision date: -
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Version/Replaced version: 1.0/-

11 Toxicological information	
11.1 Information on hazard classes as defin	ned in Regulation (EC) No. 1272/2008
Acute toxicity	: Not classified
route toxicity	Based on available data, the classification criteria are not met
Skin corrosion/irritation	: Not classified
	Based on available data, the classification criteria are not met
Serious eye damage/irritation	: Not classified
	Based on available data, the classification criteria are not met
Respiratory or skin sensitization	: Not classified
	Based on available data, the classification criteria are not met
Germ cell mutagenicity	Not classified
Operation and take	Based on available data, the classification criteria are not met
Carcinogenicity	: Not classified
Reproductive toxicity	Based on available data, the classification criteria are not met Not classified
Reproductive toxicity	Based on available data, the classification criteria are not met
Specific target organ toxicity (single exposure)	: Not classified
	Based on available data, the classification criteria are not met
Specific target organ toxicity (repeated exposure)	: Not classified
	Based on available data, the classification criteria are not met
Aspiration hazard	: Not classified
	Based on available data, the classification criteria are not met
11.2 Information on other hazards	
Potential adverse human health effects and symptom	s : Based on available data, the classification criteria are not met
12 Ecological information	
12.1 Toxicity Acute aquatic toxicity : 1	Not classified
	Not classified
12.2 Persistence and degradability Not required for inorganic substances.	
12.3 Bioaccumulative potential	
Not required for inorganic substances.	
12.4 Mobility in soil	
No additional information available.	
12.5 Results of PBT and vPvB assessment	
Not fulfilling Persistent, Bioaccumulative and Toxic (F	PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
12.6 Endocrine disrupting properties	
No additional information available.	
12.7 Other adverse effects	
No additional information available.	
13 Disposal considerations	
13.1 Waste treatment methods	
Regional legislation (waste) : [Dispose in a safe manner in accordance with local/national regulations.
Waste treatment methods : [Do not empty into drains. Dispose of this material and its container in a safe way.
	The waste code number according to the Ordinance on the European Waste Catalogue
	depends on the waste producer and can therefore vary for any given product. The waste code number is therefore to be gleaned separately from each waste producer.
In accordance with ADR / IMDG / IATA	
14.1 UN number or ID number	
UN-No. (ADR) :	Not applicable
UN-No. (IMDG) :	Not applicable
UN-No. (IATA) :	Not applicable



Calibrator 1-N - 3217059

Safety Data sheet

According to regulation (EU) 2020/878

Date of issue: 20.08.2024	Revision date: -	Version/Replaced version: 1.0/-	
14.2 UN proper shipping name			
Proper Shipping Name (ADR)	: Not applicable		
Proper Shipping Name (IMDG)	: Not applicable		
Proper Shipping Name (IATA)	: Not applicable		
14.3 Transport hazard class(es)			
Transport hazard class(es) (ADR)	: Not applicable		
Transport hazard class(es) (IMDG)	: Not applicable		
Transport hazard class(es) (IATA)	: Not applicable		
14.4 Packing group			
Packing group (ADR)	: Not applicable		
Packing group (IMDG)	: Not applicable		
Packing group (IATA)	: Not applicable		
14.5 Environmental hazards			
Dangerous for the environment	: No		
Marine pollutant	: No		
Other information	: No supplementary information available		
14.6 Special precautions for user			
Overland transport	: Not applicable		
Transport by sea	: Not applicable		
Air transport	: Not applicable		
14.7 Maritime transport in bulk acc	ording to IMO instruments		

Not applicable

15 Regulatory information

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

15.1.1 EU-Regulations

Contains no substance on the REACH candidate list.

Contains no REACH Annex XIV substances.

15.1.2 National regulations

Comply with applicable local regulations.

15.2 Chemical safety assessment

No chemical safety assessment has been carried out.

16 Other information	
Data sources	REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Change compared to the previous version : -

ADR	Ind acronyms: European Agreement concerning the International Carriage of Dangerous Goods by Road	
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures	
DMEL	Derived Minimal Effect Level	
DNEL	Derived No-Effect Level	
EC50	The effective concentration of substance that causes 50% of the maximum response (Median Effective Concentration)	
IATA	International Air Transport Association	
IMDG	"International Maritime Dangerous Goods Code" for the transport of dangerous goods by sea	
LC50	Lethal Concentration to 50 % of a test population (Median Lethal Concentration)	
LD50	Lethal Dose to 50% of a test population (Median Lethal Dose)	
LOAEL	Lowest Observed Adverse Effect Level	
NOAEC/L	No Observed Adverse Effect Concentration/Level	
NOEC/L	No Observed Effect Concentration/Level	
OECD	Organisation for Economic Cooperation and Development	
PBT	Persistent, Bioaccumulative and Toxic substance	
PNEC	Predicted No-Effect Concentration	



Calibrator 1-N – 3217059

Safety Data sheet

According to regulation (EU) 2020/878

Date of issue: 20.08.2024

Revision date: -

Version/Replaced version: 1.0/-

REACH	Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals
SDS	Safety Data Sheet
STP	Sewage Treatment Plant
UFI	Unique Formula Identifier
vPvB	Very Persistent and Very Bioaccumulative
Full text of H- and E	UH-phrases:
Aquatic Acute,1	Aquatic Hazard Acute, Category 1
Aquatic Chronic,1	Aquatic Hazard Long term, Category 1
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.



Wash SolN Conc - 3501020

Safety Data sheet

According to regulation (EU) 2020/878

Date of issue: 20.08.2024

Revision date: 28.03.2025

Version/Replaced version: 2.0/1.0

lc	lentification of subst	ance/mixture and comp	nany
.1	Product identifier		Sany
Product		: Mixture	
Product		: Wash SolN Conc	WASH SOLN CONC
Catalog		: 3501020	REF
.2		es of substance or mixture a	nd uses advised analyst
.2.1	Relevant identified uses		ind uses advised against
	he substance/mixture	: Laboratory reagent, Imn Use by professionals	nunoassays
I.2.2 No addi	Uses advised against tional information available		
.3	Details of the supplier	of the safety data sheet	
supplie	r/Manufacturer		
JIAsoui	ce ImmunoAssays S.A.		
Rue du	Bosquet, 2		
	Louvain-la-Neuve		
Belgium			
	+32 (0)10/84.99.11		
	products.support@diasource		
1.4	Emergency telephone		
	ce (only office hours)	: +32 (0)10/84.99	1.23
	Anti-Poisons (BE)	: 070 245 245	
	efer to your local Anti-Poiso	n Center!	
2 H	azards identification		
2.1	Classification of the su	ubstance or mixture	
Classific	ation according to Regulati	on (EC) N° 1272/2008 (CLP)	
Skin ser	nsitization, category 1	H317 May cause ar	n allergic skin reaction.
Full tes	t of H-statements: see section	on16)	
Adverse	physicochemical human b	ealth and environmental effect	s
	severe skin burns and eye of		-
2.2	Label element		
		O) NO 4070/0000 (OL D)	
	g according to Regulation (E	C) N° 1272/2008 (CLP)	
nazard	symbol (CLP)		
		\mathbf{V}	
Signal v	vord (CLP)	: Warning	
Hazard	statement (CLP)	: H317 May cause an a	allergic skin reaction
² recaut	on statement (CLP)	contaminated clothing	
			allowed: rinse mouth. Do NOT induce vomiting
			(IN: Wash with plenty of soap and water
			d or if you feel unwell: Call a POISON CENTER or doctor/physician
		P333+P313 If skin irrit	tation or rash occurs: Get medical advice/attention
2.3	Other hazards		

2.3 Other hazards

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.



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3 Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC# 247-500-7] and 2-methyl-4-isothiazolin-3-one (3:1)	(CAS N°) 55965-84-9 (EC N°) - (EC Index N°) -	≤ 0,005	Skin Sens. 1, H317	
Name	Product identifier		Specific concentration limits according to Regulation (EC) No. 1272/2008 [CLP] $(C \ge 0,6)$ Skin Corr. 1B, H314 $(0,06 \le C < 0,6)$ Skin Irrit. 2, H315 $(0,06 \le C < 0,6)$ Eye Irrit. 2, H319 $(C \ge 0,0015)$ Skin Sens. 1, H317	
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC# 247-500-7] and 2-methyl-4-isothiazolin-3-one (3:1	(CAS N°) 55965-84-9 (EC N°) -			

Full text of H-statements: see section16

4 First aid measures	
4.1 Description of first aid measures	
First-aid measures general	: Get medical advice/attention if you feel unwell. If possible show him this sheet. Failing this, show him the packaging or label. Never give anything by mouth to an unconscious person. Place the affected person in the recovery position.
First-aid measures after inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
First-aid measures after skin contact	: Take off immediately all contaminated clothing. Gently wash with plenty of soap and water.
First-aid measures after eye contact	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Drink plenty of water as a precaution.
4.2 Most important symptom and effe	cts, both acute and delayed
Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.
4.3 Indication of any immediate media	cal attention and special treatment needed
Treat symptomatically.	
5 Firefighting measures	
5.1 Extinguishing media	
Suitable extinguishing media	: Adapt extinguishing agents to the environment. Carbon dioxide. Foam. Dry extinguishing powder. Water spray.
Unsuitable extinguishing media	: Do not use a heavy water stream.
5.2 Special hazards arising from the s	substance or mixture
Hazardous decomposition products in case of fire	: Toxic gases may be formed. Carbon dioxide. Carbon monoxide.
5.3 Advice for firefighters	
Firefighting instructions	: Prevent firefighting water from entering the environment. Use water spray or fog for cooling exposed containers.
Protection during firefighting	: Use a self-contained breathing apparatus and also a protective suit.
6 Accidental release measures	
6.1 Personal precautions, protective e	equipment and emergency procedures
General measures	: Ensure adequate air ventilation. Avoid contact with skin and eyes. Do not breathe vapours/spray.
6.1.1 For non-emergency personnel	
Emergency procedures	: Evacuate unnecessary personnel.
6.1.2 For emergency responders	
Protective equipment	: Use personal protective equipment as required. In case of inadequate ventilation wear respiratory protection.
6.2 Environmental precautions	
Contain spill to prevent migration. Do not allow the	e undiluted product to enter sewers/surface or ground water.
6.3 Methods and material for contain	nent and cleaning up
Methods for cleaning up	: Absorb spillage to prevent material damage. Wipe up with absorbent material (for example cloth). Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Dispose of in accordance with relevant local regulations.



Reference to other sections

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Exposure controls and personal protection, see section 8. Concerning disposal elimination after cleaning, see section 13.

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7.1 Precautions for safe hand	ling
Precautions for safe handling	 Ensure good ventilation of the work station. Wear personal protective equipment. Avoid contact with skin and eyes. Do not breathe vapour/aerosol.
Hygiene measures	: Handle in accordance with good industrial hygiene and safety procedures. When using do ne eat, drink or smoke. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.
7.2 Conditions for safe storag	je, including any incompatibilities
Storage conditions	: Store in original container. Keep container tightly closed. To maintain product quality, store according to the instructions in the product labeling.
Prohibitions on mixed storage	: Keep away from food, drink and animal feeding stuffs.
Incompatible materials	: No additional information available.
7.3Specific end use(s)Laboratory reagent, Immunoassays	
8 Exposure controls/persor	nnal nyataatian
C Exposure controls/persor	nnel protection
8.1 Control parameters	nner protection
8.1 Control parameters	ant quantities of materials with critical values that have to be monitored at the workplace.
8.1 Control parameters	
8.1 Control parameters The product does not contain any releva	
8.1Control parametersThe product does not contain any releva8.2Exposure controls	ant quantities of materials with critical values that have to be monitored at the workplace.
8.1 Control parameters The product does not contain any releval 8.2 Exposure controls Appropriate engineering controls	 ant quantities of materials with critical values that have to be monitored at the workplace. Provide local exhaust or general room ventilation to minimize vapour concentrations. Wear suitable gloves (EN 374). Nitrile rubber, 0.35 mm. Butyl rubber, 0.5 mm. The exact break through time has to be found out by the manufacturer of the protective gloves and has
 8.1 Control parameters The product does not contain any relevance 8.2 Exposure controls Appropriate engineering controls Hand protection 	 ant quantities of materials with critical values that have to be monitored at the workplace. Provide local exhaust or general room ventilation to minimize vapour concentrations. Wear suitable gloves (EN 374). Nitrile rubber, 0.35 mm. Butyl rubber, 0.5 mm. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
8.1 Control parameters The product does not contain any releval 8.2 Exposure controls Appropriate engineering controls Hand protection Eye protection	 ant quantities of materials with critical values that have to be monitored at the workplace. Provide local exhaust or general room ventilation to minimize vapour concentrations. Wear suitable gloves (EN 374). Nitrile rubber, 0.35 mm. Butyl rubber, 0.5 mm. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed. Wear safety glasses (EN 166).
8.1 Control parameters The product does not contain any releval 8.2 Exposure controls Appropriate engineering controls Hand protection Eye protection Skin and body protection	 ant quantities of materials with critical values that have to be monitored at the workplace. Provide local exhaust or general room ventilation to minimize vapour concentrations. Wear suitable gloves (EN 374). Nitrile rubber, 0.35 mm. Butyl rubber, 0.5 mm. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed. Wear safety glasses (EN 166). Wear suitable protective clothing.
8.1 Control parameters The product does not contain any releval 8.2 Exposure controls Appropriate engineering controls Hand protection Eye protection Skin and body protection Respiratory protection	 ant quantities of materials with critical values that have to be monitored at the workplace. Provide local exhaust or general room ventilation to minimize vapour concentrations. Wear suitable gloves (EN 374). Nitrile rubber, 0.35 mm. Butyl rubber, 0.5 mm. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed. Wear safety glasses (EN 166). Wear suitable protective clothing. Under normal conditions, the use of this product should not require respiratory protection. Avoid release to the environment.

9.1	information on basic physical and chemica	пp	roperties
Physical st	tate	:	Liquid
Colour		:	Colorless
Odor		:	Odorless
Melting po	int/freezing point	:	No data available
Boiling poi	nt or initial boiling point and boiling range	:	No data available
Flammabil	ity	:	No data available
Lower and	upper explosion limit	:	No data available
Flash poin	t	:	No data available
Auto-ignitio	on temperature	:	No data available
Decompos	ition temperature	:	No data available
pН		:	[7.5 – 8.5] @ 20°C
Kinematic	viscosity	:	No data available
Solubility		:	No data available
Partition co	pefficient n-octanol/water (log value)	:	Not applicable
Vapour pre	essure	:	No data available
Density an	d/or relative density	:	1.00 @ 20°C
Relative va	apour density	:	No data available
Particle siz	ze	:	Not applicable

9.2 Other information

9.2.1 Information with regard to physical hazard classes

Explosive properties Oxidising properties : No explosive properties

9.2.2 Other safety characteristics No additional information available

: No oxidising properties



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10Stability and reactivity10.1Reactivity

No dangerous reactions known under normal conditions of use.

10.2 Chemical stability

Stable under use and storage conditions as recommended in section 7.

10.3 Possibility of hazardous reactions

None under normal use.

10.4 Conditions to avoid

Avoid exposure to heat and direct sunlight.

10.5 Incompatible materials

No additional information available.

10.6 Hazardous decomposition products

No hazardous decomposition products known at room temperature. In case of fire: Toxic gases may be formed. Carbon dioxide. Carbon monoxide.

11 Toxicological information 11.1 Information on hazard classes as defi

Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity	: Not classified
	Based on available data, the classification criteria are not met
Skin corrosion/irritation	: Not classified
	Based on available data, the classification criteria are not met
Serious eye damage/irritation	: Not classified
	Based on available data, the classification criteria are not met
Respiratory or skin sensitization	: Not classified
	Based on available data, the classification criteria are not met
Germ cell mutagenicity	: Not classified
	Based on available data, the classification criteria are not met
Carcinogenicity	: Not classified
	Based on available data, the classification criteria are not met
Reproductive toxicity	: Not classified
	Based on available data, the classification criteria are not met
Specific target organ toxicity (single exposure)	: Not classified
	Based on available data, the classification criteria are not met
Specific target organ toxicity (repeated exposure)	: Not classified
	Based on available data, the classification criteria are not met
Aspiration hazard	: Not classified
	Based on available data, the classification criteria are not met
11.2 Information on other hazards	
Potential adverse human health effects and symptoms	: Based on available data, the classification criteria are not met

12 Ecological information 12.1 Toxicity Acute aquatic toxicity : Not classified Chronic aquatic toxicity : Not classified 12.2 Persistence and degradability Not required for inorganic substances. 12.3 Bioaccumulative potential Not required for inorganic substances.

12.4 Mobility in soil

No additional information available.

12.5 Results of PBT and vPvB assessment

Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

12.6 Endocrine disrupting properties

No additional information available.

12.7 Other adverse effects

No additional information available.



13.1

14.1

14 2

14.3

14.4

14.5

14.6

14.7

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Date of issue: 20.08.2024 Revision date: 28.03.2025 Version/Replaced version: 2.0/1.0 13 Disposal considerations Waste treatment methods Regional legislation (waste) : Dispose in a safe manner in accordance with local/national regulations. Waste treatment methods Do not empty into drains. Dispose of this material and its container in a safe way. • Waste code The waste code number according to the Ordinance on the European Waste Catalogue depends on the waste producer and can therefore vary for any given product. The waste code number is therefore to be gleaned separately from each waste producer. 14 Transport information In accordance with ADR / IMDG / IATA UN number or ID number UN-No. (ADR) : Not applicable UN-No. (IMDG) Not applicable UN-No. (IATA) Not applicable UN proper shipping name Proper Shipping Name (ADR) Not applicable Proper Shipping Name (IMDG) Not applicable Proper Shipping Name (IATA) : Not applicable Transport hazard class(es) Transport hazard class(es) (ADR) : Not applicable Transport hazard class(es) (IMDG) Not applicable : Transport hazard class(es) (IATA) Not applicable **Packing group** Packing group (ADR) : Not applicable Packing group (IMDG) Not applicable Packing group (IATA) Not applicable **Environmental hazards** Dangerous for the environment : No Marine pollutant : No Other information No supplementary information available Special precautions for user Overland transport Not applicable Transport by sea Not applicable : Not applicable Air transport Maritime transport in bulk according to IMO instruments Not applicable

15 Regulatory information

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

15.1.1 **EU-Regulations**

Contains no substance on the REACH candidate list.

Contains no REACH Annex XIV substances.

1512 National regulations

Comply with applicable local regulations.

15.2 **Chemical safety assessment**

No chemical safety assessment has been carried out.

16 Other information

Data sources

: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.



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Change	compared	to	the	previous	version

Previous version : 1.0	Current version : 2.0		
3.2 Mixtures Classification according to Regulation (EC) No. 1272/2008 [CLP]	3.2 Mixtures Classification according to Regulation (EC) No. 1272/2008 [CLP]		
Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317	Skin Sens. 1, H317		

Abbreviations an	
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
DMEL	Derived Minimal Effect Level
DNEL	Derived No-Effect Level
EC50	The effective concentration of substance that causes 50% of the maximum response (Median Effective Concentration)
ΙΑΤΑ	International Air Transport Association
IMDG	"International Maritime Dangerous Goods Code" for the transport of dangerous goods by sea
LC50	Lethal Concentration to 50 % of a test population (Median Lethal Concentration)
LD50	Lethal Dose to 50% of a test population (Median Lethal Dose)
LOAEL	Lowest Observed Adverse Effect Level
NOAEC/L	No Observed Adverse Effect Concentration/Level
NOEC/L	No Observed Effect Concentration/Level
OECD	Organisation for Economic Cooperation and Development
PBT	Persistent, Bioaccumulative and Toxic substance
PNEC	Predicted No-Effect Concentration
REACH	Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals
SDS	Safety Data Sheet
STP	Sewage Treatment Plant
UFI	Unique Formula Identifier
vPvB	Very Persistent and Very Bioaccumulative
Full text of H- and	EUH-phrases:
Skin Corr. 1B	Skin Corrosion, Category 1B
Skin Irrit. 2	Skin Irritation, Category 2
Skin Sens. 1	Skin Sensitization, Category 1
Eye Irrit. 2	Eye Irritation, Category 2
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation.
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation.

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.