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		Version: 1
Date: 12.05.2025		

Title: Stop Solution for ELISA

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

1.1 Product Identifier

Product name: Stop Solution for ELISA

Product reference: AR019B

Product Description: Not available

Chemical Name: Not Applicable

Description Code: Not Available

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

The product must be used according strictly to the instructions of package insert, and for the indicated purpose.

1.3 Details of the Supplier of the Material Safety Data Sheet

Company name: CoaChrom Diagnostica GmbH

Address: Hauptstrasse 5, 2344 Maria Enzersdorf AUSTRIA

Contact information

Email: info@coachrom.com

Internet: www.coachrom.com

Tel: +43-1-236 222 1

1.4 Emergency telephone number: 112 (European emergency number)

SECTION 2: HAZARDS IDENTIFICATION

Classification according to Regulation (EC) No. 1272/2008 (CLP)

Physical Hazards

Substances/mixtures corrosive to metal

Category 1 (H290)

Health hazards

Skin Corrosion/Irritation

Category 1 A (H314)

Serious Eye Damage/Eye Irritation


Category 1 (H318)

Environmental Hazards

Not classified

Additional information

Not classified

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Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP]

Hazard pictograms



Signal word

Danger

Hazard Statements

H290: May be corrosive to metals.

H314: Causes severe skin burns and eye damage.

H318: Causes serious eye damage.

EU Specific Hazard Statements

Not Applicable

Precautionary Statements

Prevention

P234: Keep only in original packaging.

P260: Do not breathe dust/fume/gas/mist/vapours/spray.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.


P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

Storage

P406: Store in corrosive resistant container with a resistant inner liner.

Disposal

Not Applicable

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance

Not applicable

3.2 Mixture

Chemical Name	CAS N°	CE N°	Weight %	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Sulfuric acid	7664-93-9	231-639-5	< 5%	Skin Corr. 1A (H314) Eye Dam. 1 (H318)
Water	7732-18-5	231-791-2	95%	-

Endocrine disrupting properties

Does not contain any known or suspected endocrine disruptors.

SECTION 4: FIRST AID MEASURES

4.1 Description of First-aid Measures

First-aid Measures After Inhalation:

Remove to fresh air. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Immediate medical attention is required. If not breathing, give artificial respiration.

First-aid Measures After Skin Contact:

Wash off immediately with plenty of water for at least 15 minutes. Immediate medical attention is required.

First-aid Measures After Eye Contact:

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Immediate medical attention is required.

First-aid Measures After Ingestion:

Do NOT induce vomiting. Call a physician or poison control center immediately.

Notes to Physician:


Treat symptomatically.

4.2 Most Important Symptoms and Effects Both Acute and Delayed

Causes burns by all exposure routes. Ingestion causes severe swelling, severe damage to the delicate tissue and danger of perforation: Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or esophagus should be investigated.

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

Note to Physician: Treat symptomatically. In case of large quantities have been ingested or inhaled, get an immediate medical advice.

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SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water spray, carbon dioxide (CO₂), dry chemical, alcohol-resistant foam.

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.

Hazardous Combustion Products

Sulfur oxides.

5.3 Advice for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Thermal decomposition can lead to release of irritating gases and vapors.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Keep people away from and upwind of spill/leak. Evacuate personnel to safe areas.

6.2 Environmental precautions


Should not be released into the environment. See Section 12 for additional Ecological Information.

6.3 Methods and material for containment and cleaning up

Soak up with inert absorbent material. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

Refer to protective measures listed in Sections 8 and 13.

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SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Wear personal protective equipment/face protection. Do not get in eyes, on skin, or on clothing. Do not breathe (dust, vapor, mist, gas). Do not ingest. If swallowed then seek medical assistance.

7.2 Conditions for Safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place. Corrosives area.

7.3 Specific end use(s) Recommendations and Industrial sector specific solutions

Use in laboratories.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Exposure limits

List source(s): **EU** - Commission Directive (EU) 2019/1831 of 24 October 2019 establishing a fifth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC and amending Commission Directive 2000/39/EC **UK** - EH40/2005 Work Exposure Limits, Fourth edition. Published 2020. **IRE** - 2021 Code of Practice for the Chemical Agents Regulations, Schedule 1. Published by the Health and Safety Authority.

Component	The United Kingdom	European Union	Ireland
Sulfuric acid	STEL: 0.15 mg/m ³ 15 min TWA: 0.05 mg/m ³ 8 hr	TWA: 0.05 mg/m ³ 8 hr	STEL: 0.15 ppm 15 min TWA: 0.05 ppm 8 hr

Biological limit values

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

8.2 Exposure controls


Appropriate engineering controls

Ensure that eyewash stations and safety showers are close to the workstation location. Wherever possible, engineering control measures such as the isolation or enclosure of the process, the introduction of process or equipment changes to minimise release or contact, and the use of properly designed ventilation systems, should be adopted to control hazardous materials at source.

Personal Protective Equipment

Eye protection Goggles (European standard – EN 166)

Hand protection Protective gloves

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Skin and body protection

Use appropriate personal protective equipment for the body.

Respiratory protection

Wear respirators and components tested under appropriate government standards in case of insufficient ventilation.

Environmental exposure controls

No information available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

PROPERTIES	
Appearance	LIQUID
Odour	ND
pH value	ND
Boiling point	ND
Melting point	ND
Decomposition point	ND
Flash point	ND
Sustaining combustion	ND
Explosive properties	ND
Oxidizing properties	ND
Water solubility	ND
Flow time	ND
Vapour density	ND
Evaporation rate	ND
Solvent separation test	ND

Legend: NA (not applicable), ND (not determined/no data available)

9.1 Other Information

No information available.


SECTION 10: PHYSICAL AND CHEMICAL PROPERTIES

10.1 Reactivity

None Known.

10.2 Chemical stability

Stable under normal conditions.

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10.3 Possibility of hazardous reactions

Contact with metals may evolve flammable hydrogen gas.

10.4 Conditions to avoid.

Incompatible products. Excess heat.

10.5 Incompatible materials

Strong bases. Metals. Reducing Agents.

10.6 Hazardous decomposition products

Sulfur oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxological effects

EFFECTS	
Acute oral toxicity	ND
Acute dermal toxicity	ND
Acute inhalational toxicity	ND
Skin corrosion/irritation	Category 1 A
Serious eye damage/eye irritation	Category 1
Respiratory or skin sensitisation	ND
Germ cell mutagenicity	ND
Reproduce toxicity	ND
Carcinogenicity	ND
Specific target organ toxicity: - Single exposure - Repeated exposure	ND
Aspiration hazard	ND
Specific effects in experiment on an animal	ND


Legend: NA (not applicable), ND (not determined/no data available)

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Toxicity	
Fish toxicity	LC50: > 500 mg/L, 96 h static (Brachydanio rerio)
Daphnia toxicity	EC50: 29 mg/L 24 h
Algae toxicity	ND
Bacteria toxicity	ND

Legend: NA (not applicable), ND (not determined/no data available)

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12.2 Persistence and degradability

Soluble in water, persistence is unlikely, based on information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

The product is water soluble, and may spread in water systems. Will likely be mobile in the environment due to its water solubility. Highly mobile in soils.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects

No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Waste must be disposed in compliance with national rules and regulations and it can be consulted with your available environmental services. Completely emptied packaging or empty packaging containing residues must be disposed properly. Seek consultation from your designated regional waste disposer.

SECTION 14: TRANSPORT INFORMATION

IMDG/IMO

14.1 UN number

UN2796

14.2 UN proper shipping name


Sulphuric acid

14.3 Transport hazard class(es)

8

14.4 Packing group

II

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ADR

14.5 UN number

UN2796

14.6 UN proper shipping name

Sulphuric acid

14.7 Transport hazard class(es)

8

14.8 Packing group

II

IATA

14.8 UN number

UN2796

14.9 UN proper shipping name

Sulphuric acid

14.10 Transport hazard class(es)

8

14.11 Packing group

II

14.12 Environmental hazards


No hazards identified

14.13 Special precautions for user

No special precautions required.

14.14 Maritime transport in bulk according to IMO instruments

Not applicable, packaged goods.

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SECTION 15: REGULATORY INFORMATION

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

EU regulations

This MSDS file is in compliance with the requirements described on the Regulation (EC) No 1907/2006 (REACH).

15.2 Chemical safety assessment

No data available.

SECTION 16: OTHER INFORMATION

16.1 Key literature references and data sources

This data safety sheet is according to the current version of Regulation EC 1907/2006(REACH), Regulation (EC) 1272/2008 (CLP). The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding section of this SDS.

The above information describes exclusively the safety requirements of the product and based on our present-day knowledge and experience. The information mention above is intended to provide advices of safety handling of the product for storage, processing, transport and disposal, etc. This information is only intended for this product and not transferable to other products. Mixing this product with other products or in case of processing, the information on this safety data sheet is no longer valid for a new processed material.

CoaChrom Diagnostica GmbH and its appointed agents/distributors will not be held liable for any damage(s) resulting from or from contact with the products included in the kit.

16.2 Abbreviations and acronyms

ADR: European Agreement Concerning the International Carriage of Dangerous Goods by Road

CAS: Chemical Abstracts Service

CLP: European Regulation on Classification, Labelling and Packaging of Substances and Mixtures

CMR: Carcinogenic, Mutagenic or Toxic to Reproduction

IATA-DGR: International Air Transport Association- Dangerous Goods Regulations

IMDG: International Maritime Code for Dangerous Goods

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

NTP: National Toxicology Program

PBT: Persistent Bioaccumulative Toxic

REACH: Union European Regulation on Registration, Evaluation, Authorisation and Restriction of Chemicals

RID: International Rule for Transport of Dangerous Substances by Rail

TSCA: Toxic Substances Control Act

vPvB: Very Persistent, Very Bioaccumulative