

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Version 8.0

Revision Date 19.08.2024

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GENERIC EU MSDS - NO COUNTRY SPECIFIC DATA - NO OEL DATA

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifiers**

Product name : Glucagon RIA 250 Tube kit I-125<111KBqs

Product Number : GL-MLSG

Catalogue No. : 635362

Brand : Millipore

REACH No. : A registration number is not available for this substance as the substance or its uses are exempted from registration or the annual tonnage does not require a registration.

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

Identified uses : Laboratory chemicals, Manufacture of substances

1.3 Details of the supplier of the safety data sheet

Company :

1.4 Emergency telephone

Emergency Phone # : +(44)-870-8200418 (CHEMTREC (GB))
+(353)-19014670 (CHEMTREC Ireland)
001-803-017-9114 (CHEMTREC India)

This is a summary SDS for a kit. For the full SDS for each of the components listed in section 16 please visit our website.

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture**

| | |
|---|---|
| Acute toxicity, (Category 4) | H302: Harmful if swallowed. |
| Acute toxicity, (Category 4) | H332: Harmful if inhaled. |
| Acute toxicity, (Category 4) | H312: Harmful in contact with skin. |
| Specific target organ toxicity - repeated exposure, (Category 2), Respiratory Tract | H373: May cause damage to organs through prolonged or repeated exposure if inhaled. |
| Long-term (chronic) aquatic hazard, (Category 3) | H412: Harmful to aquatic life with long lasting effects. |



2.2 Label elements

Labelling according Regulation (EC) No 1272/2008

Pictogram



Signal Word

Warning

Hazard Statements

H302 + H312 + H332
H373

Harmful if swallowed, in contact with skin or if inhaled.
May cause damage to organs (Respiratory Tract) through prolonged or repeated exposure if inhaled.
Harmful to aquatic life with long lasting effects.

H412

Precautionary Statements

P273

Avoid release to the environment.

P280

Wear protective gloves/ protective clothing.

P301 + P312

IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell.

P302 + P352 + P312

IF ON SKIN: Wash with plenty of water. Call a POISON CENTER/ doctor if you feel unwell.

P304 + P340 + P312

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell.

P314

Get medical advice/ attention if you feel unwell.

Supplemental Hazard
Statements

none

Reduced Labeling (<= 125 ml)

Pictogram



Signal Word

Warning

Hazard Statements

H412

Harmful to aquatic life with long lasting effects.

Precautionary Statements

none

Supplemental Hazard
Statements

none

2.3 Other hazards - none

SECTION 3: Composition/information on ingredients

Refer to component SDS

SECTION 4: First aid measures

Refer to component SDS

SECTION 5: Firefighting measures

Refer to component SDS



SECTION 6: Accidental release measures

Refer to component SDS

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Work under hood. Do not inhale substance/mixture. Avoid generation of vapours/aerosols.

Hygiene measures

Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with substance.

For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions

Tightly closed.

Storage class

Storage class (TRGS 510): 10: Combustible liquids

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

SECTION 8: Exposure controls/personal protection

Refer to component SDS

SECTION 9: Physical and chemical properties

Refer to component SDS

SECTION 10: Stability and reactivity

Refer to component SDS

SECTION 11: Toxicological information

Refer to component SDS

SECTION 12: Ecological information

Refer to component SDS



SECTION 13: Disposal considerations

Refer to component SDS

SECTION 14: Transport information

14.1 UN number

ADR/RID: 2910

IMDG: 2910

IATA: 2910

14.2 UN proper shipping name

ADR/RID: RADIOACTIVE MATERIAL, EXCEPTED PACKAGE - LIMITED QUANTITY OF MATERIAL

IMDG: RADIOACTIVE MATERIAL, EXCEPTED PACKAGE - LIMITED QUANTITY OF MATERIAL

IATA: Radioactive material, excepted package - limited quantity of material

14.3 Transport hazard class(es)

ADR/RID: 7

IMDG: 7

IATA: RAD_MAT_EP

14.4 Packaging group

ADR/RID: -

IMDG: -

IATA: -

14.5 Environmental hazards

ADR/RID: no

IMDG Marine pollutant: no

IATA: no

14.6 Special precautions for user

Further information : No data available

SECTION 15: Regulatory information

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

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

Refer to component SDS

15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out

SECTION 16: Other information

Kit Components:

| | | |
|--------------------------------|-----------|--------|
| GP anti Glucagon (PS) | Millipore | 1032-K |
| Kit Antibody | | |
| Quality Controls I & II (1 ml) | Millipore | 6000-K |
| Glucagon Kit Standards (2ml) | Millipore | 8030-K |
| Assay Buffer (40ml) | Millipore | AB-G |
| Label Hydrating Buffer (27 ml) | Millipore | LHB-G |
| Precipitating Reagent (260 ml) | Millipore | PR-UV |
| 125I-Glucagon I-125<111KBqs | Millipore | 9030 |

Acute Tox. 4; STOT RE 2;
Aquatic Chronic 3; H302 + H312
+ H332, H373, H412



Full text of other abbreviations

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Further information

The information is believed to be correct but is not exhaustive and will be used solely as a guideline, which is based on current knowledge of the chemical substance or mixture and is applicable to appropriate safety precautions for the product. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.sigma-aldrich.com and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.

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Kit Components:

| GP anti Glucagon (PS) Kit Antibody | | | | | |
|---|-----------|-------------|-------------------|--------------------------|--|
| Product identifier | Pictogram | Signal Word | Hazard Statements | Precautionary Statements | Supplemental information |
| Millipore - 1032-K | | | | | No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required. |

| Quality Controls I & II (1 ml) | | | | | |
|---|-----------|-------------|-------------------|--------------------------|--|
| Product identifier | Pictogram | Signal Word | Hazard Statements | Precautionary Statements | Supplemental information |
| Millipore - 6000-K | | | | | No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required. |


| Glucagon Kit Standards (2ml) | | | | | |
|-------------------------------------|-----------|-------------|-------------------|--------------------------|--|
| Product identifier | Pictogram | Signal Word | Hazard Statements | Precautionary Statements | Supplemental information |
| Millipore - 8030-K | | | | | No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required. |

| Assay Buffer (40ml) | | | | | |
|----------------------------|-----------|-------------|-------------------|--------------------------|--|
| Product identifier | Pictogram | Signal Word | Hazard Statements | Precautionary Statements | Supplemental information |
| Millipore - AB-G | | | | | No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required. |



| Label Hydrating Buffer (27 ml) | | | | | |
|---------------------------------------|-----------|-------------|-------------------|--------------------------|--|
| Product identifier | Pictogram | Signal Word | Hazard Statements | Precautionary Statements | Supplemental information |
| Millipore - LHB-G | | | | | No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required. |

| Precipitating Reagent (260 ml) | | | | | |
|---------------------------------------|-----------|-------------|-------------------|--------------------------|--|
| Product identifier | Pictogram | Signal Word | Hazard Statements | Precautionary Statements | Supplemental information |
| Millipore - PR-UV | | | | | No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required. |

| 125I-Glucagon I-125<111KBqs | | | | | |
|---------------------------------------|---|-------------|--|---|--------------------------|
| Product identifier | Pictogram | Signal Word | Hazard Statements | Precautionary Statements | Supplemental information |
| Millipore - 9030 |  | Warning | Harmful if swallowed, in contact with skin or if inhaled. May cause damage to organs (Respiratory Tract) through prolonged or repeated exposure if inhaled. Harmful to aquatic life with long lasting effects. | Avoid release to the environment. IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell. Wear protective gloves/ protective clothing. IF ON SKIN: Wash with plenty of water. Call a POISON CENTER/ doctor if you feel unwell. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor | |



| | | | | | |
|--|--|--|--|--|--|
| | | | | if you feel unwell. Get medical advice/attention if you feel unwell. | |
|--|--|--|--|--|--|

