Sigma-Aldrich.

#### SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006

Version 8.7 Revision Date 20.02.2025 Print Date 03.05.2025 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
  - Sens Rat Insulin RIA 250 Tube Kit I-125 <111KBqs

Product Number	:	SRI-13K
Catalogue No.	:	638028
Brand	:	Millipore
REACH No.	:	

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

Identified uses : Biochemical research/analysis

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)

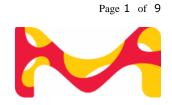
This is a summary SDS for a kit. For the full SDS for each of the components listed in section 16 please visit our website.

#### **SECTION 2: Hazards identification**

2.1	<b>Classification of the substance or</b> Acute toxicity, (Category 4)	mixture H302: Harmful if swallowed.
	Acute toxicity, (Category 4)	H332: Harmful if inhaled.
	Acute toxicity, (Category 4)	H312: Harmful in contact with skin.
	Serious eye damage, (Category 1)	H318: Causes serious eye damage.
	Specific target organ toxicity - repeated exposure, (Category 2), Respiratory Tract	H373: May cause damage to organs through prolonged or repeated exposure.
	Long-term (chronic) aquatic	H412: Harmful to aquatic life with long

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# 2.2 Label elements

#### Labelling according Regulation (EC) No 1272/2008

Pictogram

recogram	
Signal Word	Danger
Hazard Statements H302 + H312 + H332 H318 H373	Harmful if swallowed, in contact with skin or if inhaled. Causes serious eye damage. May cause damage to organs (Respiratory Tract) through prolonged or repeated exposure.
H412	Harmful to aquatic life with long lasting effects.
Precautionary Statements	
P273 P280	Avoid release to the environment. Wear protective gloves/ protective clothing/ eye protection/ face
F 200	protection.
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.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P314	Get medical advice/ attention if you feel unwell.
Supplemental Hazard Statements	none

### Reduced Labeling (<= 125 ml)

Pictogram



Signal Word	Danger
Hazard Statements H412 H318	Harmful to aquatic life with long lasting effects. Causes serious eye damage.
Precautionary Statements P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Supplemental Hazard Statements	none

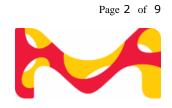
2.3 Other hazards - none

## **SECTION 3: Composition/information on ingredients**

Refer to component SDS

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### **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 stability**Recommended storage temperature -20 °C **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**

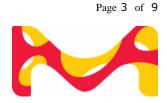
Refer to component SDS

#### **SECTION 11: Toxicological information**

Refer to component SDS

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#### SECTION 12: Ecological information

Refer to component SDS

#### SECTION 13: Disposal considerations

Refer to component SDS

SECTION 14: Transport information									
14.1 UN numbe ADR/RID: 2		IMDG: 2910	IATA: 2910						
14.2 UN proper shipping name ADR/RID: RADIOACTIVE MATERIAL, EXCEPTED PACKAGE - LIMITED QUANTITY OF MATERIAL									
	RADIOACTIVE MAT MATERIAL	ERIAL, EXCEPTED PACKAGE - L	IMITED QUANTITY OF						
IATA:	Radioactive materia	al, excepted package - limited o	quantity of material						
14.3 Transport ADR/RID: 7	<pre>hazard class(es) 7</pre>	IMDG: 7	IATA: RAD_MAT_EP						
14.4 Packaging ADR/RID:		IMDG: -	IATA: -						
<b>14.5 Environm</b> ADR/RID:	••••••	IMDG Marine pollutant: no	IATA: no						
14.6 Special pr	ecautions for use	r							
Further inf	ormation :	No data available							
<b>14.7 Maritime transport in bulk according to IMO instruments</b> Not applicable for product as supplied.									

#### 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.

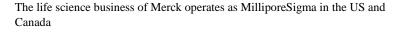
Refer to component SDS

#### **15.2 Chemical Safety Assessment**

For this product a chemical safety assessment was not carried out

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#### **SECTION 16: Other information**

<b>Kit Components:</b> 125I-Insulin (Sensitive) I-125<111KBqs	Millipore	9011S	Acute Tox. 4; Eye Dam. 1; STOT RE 2; Aquatic Chronic 3; H302 + H312 + H332, H318, H373, H412
Sensitive Rat Insulin Antibody 26 mL	Millipore	1013S-K	11412
Sensitive Quality Controls I & II (1 ml)	Millipore	6000S-K	
Rat Insulin Sensitive Kit Standard	Millipore	8013S-K	
Assay Buffer (40ml)	Millipore	AB-P	
Label Hydrating Buffer (27mL)	Millipore	LHB-P	
Precipitating Reagent (260 ml)	Millipore	PR-UV	

#### 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

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#### 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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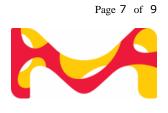
# **Kit Components:**

125I-Insulin	(Sensitive) I	-125<111K	Bqs		
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		Word	Statements	Statements	information
Millipore - 9011S		Word Danger	Statements         Harmful if         swallowed, in         contact with skin         or if inhaled.         Causes serious         eye damage.         May cause         damage to         organs         (Respiratory         Tract) through         prolonged or         repeated         exposure.         Harmful to         aquatic life with         long lasting         effects.	StatementsAvoid release totheenvironment. IFON SKIN: Washwith plenty ofwater.Call aPOISONCENTER/ doctorif you feelunwell. Wearprotectivegloves/protectiveclothing/ eyeprotection/ faceprotection. IFINHALED:Remove personto fresh air andkeepcomfortable forbreathing. Call aPOISONCENTER/ doctorif you feelunwell. IF INEYES: Rinsecautiously withwater forseveral minutes.Remove contactlenses, ifpresent andeasy to do.Continuerinsing. Getmedical advice/attention if youfeel unwell.	Information

Sensitive Rat Insulin Antibody 26 mL						
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental	
identifier		Word	Statements	Statements	information	
Millipore -					Not a hazardous	

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1013S-K			substance or
			mixture
			according to
			Regulation (EC)
			No 1272/2008.

Sensitive Qu	Sensitive Quality Controls I & II (1 ml)					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information	
Millipore - 6000S-K					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.	

Rat Insulin Sensitive Kit Standard					
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		Word	Statements	Statements	information
Millipore -					Not a hazardous
8013S-K					substance or
					mixture
					according to
					Regulation (EC)
					No 1272/2008.

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

Precipitating Reagent (260 ml)								
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental			
identifier		Word	Statements	Statements	information			
Millipore - PR-					No hazard			

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UV			pictogram, no
			signal word, no
			hazard
			statement(s), no
			precautionary
			statement(s)
			required.

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