

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Version 8.3
Revision Date 28.08.2023
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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 : Equine Cytokine/Chemokine MAGNETIC Bead Panel

Product Number : EQCYTMAG-93K

Catalogue No. : 6D1687

Brand : Millipore

REACH No. : This product is a mixture. REACH Registration Number see section 3.

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 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Acute toxicity, Oral (Category 4), H302

Acute toxicity, Inhalation (Category 4), H332

Acute toxicity, Dermal (Category 4), H312

Serious eye damage (Category 1), H318

Skin sensitization (Category 1), H317

Specific target organ toxicity - repeated exposure (Category 2), Respiratory Tract, H373

Long-term (chronic) aquatic hazard (Category 2), H411

For the full text of the H-Statements mentioned in this Section, see Section 16.



2.2 Label elements

Labelling according Regulation (EC) No 1272/2008

Pictogram



Signal Word

Danger

Hazard statement(s)

H302 + H312 + H332

Harmful if swallowed, in contact with skin or if inhaled.

H317

May cause an allergic skin reaction.

H318

Causes serious eye damage.

H373

May cause damage to organs (Respiratory Tract) through prolonged or repeated exposure.

H411

Toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P273

Avoid release to the environment.

P280

Wear protective gloves/ protective clothing/ eye protection/ face 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 statement(s)

H317

May cause an allergic skin reaction.

H318

Causes serious eye damage.

Precautionary statement(s)

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

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.

Recommended storage temperature see product label.

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

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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: -

IMDG: -

IATA: -

14.2 UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

14.3 Transport hazard class(es)

ADR/RID: -

IMDG: -

IATA: -

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**

Not classified as dangerous in the meaning of transport regulations.

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:

10X Wash Buffer - MILLIPLEX	Millipore	L-WB	Skin Sens. 1; Aquatic Chronic 2; H317, H411
Streptavidin-Phycoerythrin	Millipore	L-SAPE10	Eye Irrit. 2; H319
Milliplex Assay Buffer	Millipore	L-AB	
Bead Diluent COLD PACKS	Millipore	LBD	
Equine Cytokine/Chemokine Panel Standard	Millipore	EQCYT-8093	Acute Tox. 4; Eye Dam. 1; STOT RE 2; Aquatic Chronic 3; H302 + H312 + H332, H318, H373, H412
Equine Cytokine/Chemokine Quality Control 1 & 2	Millipore	EQCYT-6093	Acute Tox. 4; Eye Dam. 1; STOT RE 2; Aquatic Chronic 3; H302 + H312 + H332, H318, H373, H412
Equine Cytokine/Chemokine Detection Antibodies	Millipore	EQCYT-1093	Eye Irrit. 2; H319
Serum Matrix	Millipore	MXEQ-SM	Acute Tox. 4; Aquatic Chronic 3; H312, H412
13-FGF-2 MAGNETIC Beads - MILLIPLEX	Millipore	HCYFGF2-MAG	
14-anti Eotaxin MAGNETIC Beads MILLIPLEX	Millipore	HETXN-MAG	
18-anti G-CSF MAGNETIC Beads MILLIPLEX	Millipore	HGCSF-MAG	
19-anti IL-1 alpha MAGNET BeadsMILLIPLEX	Millipore	RIL1A-MAG	
20-anti GM-CSF MAGNETIC Beads MILLIPLEX	Millipore	HGMCSF-MAG	
21-Fractalkine MAGNETIC Beads-MILLIPLEX	Millipore	HFKN-MAG	
25-Interleukin 13 (IL-13) Beads - Magnetic	Millipore	EIL13-MAG	
30-Interleukin 5 (IL-5) Beads - Magnetic	Millipore	EIL5-MAG	
33-Interleukin 18 (IL-18) Beads - Magnetic	Millipore	EIL18-MAG	
35-Interleukin 1b (IL-1b) Beads - Magnetic	Millipore	EIL1B-MAG	
37-Interleukin 6 (IL-6) Beads - Magnetic	Millipore	EIL6-MAG	
39-anti IL-17A MAGNETIC Beads	Millipore	HIL17-MAG	

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MILLIPLEX		
44-Interleukin 2 (IL-2) Beads - Magnetic	Millipore	EIL2-MAG
46-Interleukin 4 (IL-4) Beads - Magnetic	Millipore	EIL4-MAG
52-anti IL-12p70 MAGNET Beads	Millipore	RIL12P70-MAG
MILLIPLEX		
53-Interferon gamma (IFNg) Beads - Magnetic	Millipore	EIFNG-MAG
55-IL-8 Beads-Magnetic	Millipore	FIL8-MAG
57-anti IP-10 MAGNETIC Beads	Millipore	MIP10-MAG
MILLIPLEX		
61-anti KC MAGNETIC Beads	Millipore	MKC-MAG
MILLIPLEX		
62-anti MCP-1 MAGNETIC Beads	Millipore	MCYMCP1-MAG
MILLIPLEX		
67-Interleukin 10 (IL-10) Beads - Magnetic	Millipore	EIL10-MAG
77-Tumor Necrosis Factor Alpha (TNFa) Beads - Magnetic	Millipore	ETNFA-MAG
78-anti RANTES MAGNETIC Beads	Millipore	RRNTS-MAG
MILLIPLEX		



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

Classification of the mixture

Acute Tox.4	H302
Acute Tox.4	H332
Acute Tox.4	H312
Eye Dam.1	H318
Skin Sens.1	H317
STOT RE2	H373
Aquatic Chronic2	H411

Classification procedure:

Calculation method
Calculation method
Calculation method
Calculation method
Calculation method
Calculation method
Calculation method

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to



appropriate safety precautions. 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:

10X Wash Buffer - MILLIPLEX					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - L-WB		Warning	May cause an allergic skin reaction. Toxic to aquatic life with long lasting effects.	Avoid breathing mist or vapors. IF ON SKIN: Wash with plenty of water. Contaminated work clothing should not be allowed out of the workplace. If skin irritation or rash occurs: Get medical advice/attention. Avoid release to the environment. Wear protective gloves.	

Streptavidin-Phycoerythrin					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - L-SAPE10		Warning	Causes serious eye irritation.	Wash skin thoroughly after handling. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Wear eye protection/face protection. If eye irritation persists: Get	



				medical advice/ attention.	
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Milliplex Assay Buffer

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - L-AB					No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required

Bead Diluent COLD PACKS

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - LBD					No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required

Equine Cytokine/Chemokine Panel Standard

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - EQCYT-8093		Danger	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.	Avoid release to the environment. IF ON SKIN: Wash with plenty of water. Call a POISON CENTER/ doctor if you feel unwell. Wear protective gloves/ protective clothing/ eye protection/ face protection. IF INHALED: Remove person to fresh air and keep comfortable for	

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				breathing. Call a POISON CENTER/ doctor if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/ attention if you feel unwell.	
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Equine Cytokine/Chemokine Quality Control 1 & 2					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - EQCYT-6093		Danger	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.	Avoid release to the environment. IF ON SKIN: Wash with plenty of water. Call a POISON CENTER/ doctor if you feel unwell. Wear protective gloves/ protective clothing/ eye protection/ face protection. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell. IF IN EYES: Rinse cautiously with water for	



				several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention if you feel unwell.	
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Equine Cytokine/Chemokine Detection Antibodies

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - EQCYT-1093		Warning	Causes serious eye irritation.	Wash skin thoroughly after handling. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Wear eye protection/face protection. If eye irritation persists: Get medical advice/attention.	

Serum Matrix

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - MXEQ-SM		Warning	Harmful in contact with skin. Harmful to aquatic life with long lasting effects.	Avoid release to the environment. IF ON SKIN: Wash with plenty of water. Call a POISON CENTER/ doctor if you feel unwell. Dispose of contents/ container to an approved waste disposal plant.	

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				Wear protective gloves/ protective clothing. Take off contaminated clothing and wash it before reuse.	
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13-FGF-2 MAGNETIC Beads - MILLIPLEX

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - HCYFGF2-MAG					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

14-anti Eotaxin MAGNETIC Beads MILLIPLEX

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - HETXN-MAG					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

18-anti G-CSF MAGNETIC Beads MILLIPLEX

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - HGCSF-MAG					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

19-anti IL-1 alpha MAGNET BeadsMILLIPLEX

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - RIL1A-MAG					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.



20-anti GM-CSF MAGNETIC Beads MILLIPLEX					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - HGMCSF-MAG					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

21-Fractalkine MAGNETIC Beads-MILLIPLEX					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - HFKN-MAG					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

25-Interleukin 13 (IL-13) Beads - Magnetic					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - EIL13-MAG					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

30-Interleukin 5 (IL-5) Beads - Magnetic					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - EIL5-MAG					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

33-Interleukin 18 (IL-18) Beads - Magnetic					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - EIL18-MAG					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.



35-Interleukin 1b (IL-1b) Beads - Magnetic					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - EIL1B-MAG					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

37-Interleukin 6 (IL-6) Beads - Magnetic					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - EIL6-MAG					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

39-anti IL-17A MAGNETIC Beads MILLIPLEX					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - HIL17-MAG					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

44-Interleukin 2 (IL-2) Beads - Magnetic					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - EIL2-MAG					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

46-Interleukin 4 (IL-4) Beads - Magnetic					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - EIL4-MAG					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.



52-anti IL-12p70 MAGNET Beads MILLIPLEX					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - RIL12P70-MAG					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

53-Interferon gamma (IFNg) Beads - Magnetic					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - EIFNG-MAG					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

55-IL-8 Beads-Magnetic					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - FIL8-MAG					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

57-anti IP-10 MAGNETIC Beads MILLIPLEX					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - MIP10-MAG					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

61-anti KC MAGNETIC Beads MILLIPLEX					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - MKC-MAG					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.



62-anti MCP-1 MAGNETIC Beads MILLIPLEX					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - MCYMCP1-MAG					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

67-Interleukin 10 (IL-10) Beads - Magnetic					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - EIL10-MAG					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

77-Tumor Necrosis Factor Alpha (TNFa) Beads - Magnetic					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - ETNFA-MAG					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

78-anti RANTES MAGNETIC Beads MILLIPLEX					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - RRNTS-MAG					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

