

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Version 8.3
Revision Date 28.08.2023
Print Date 16.04.2025

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 : Human High Sensitivity T Cell Mag Panel

Product Number : HSTCMAG-28SK

Catalogue No. : 6B8119

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

Millipore- HSTCMAG-28SK

Page 1 of 17

The life science business of Merck operates as MilliporeSigma in the US and Canada



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

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information:



The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information:

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

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

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.

Millipore- HSTCMAG-28SK

Page 4 of 17

The life science business of Merck operates as MilliporeSigma in the US and Canada



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:

Human High Sensitivity T Cell Standard	Millipore	HSTC-8028	Acute Tox. 4; Eye Dam. 1; STOT RE 2; Aquatic Chronic 3; H302 + H312 + H332, H318, H373, H412
Human High Sensitivity T Cell Quality Control 1 & 2	Millipore	HSTC-6028	Acute Tox. 4; Eye Dam. 1; STOT RE 2; Aquatic Chronic 3; H302 + H312 + H332, H318, H373, H412
Serum Matrix	Millipore	MXHSM-7	Acute Tox. 4; Aquatic Chronic 3; H312, H412
Assay Buffer MILLIPLEX	Millipore	L-ABIR	Skin Sens. 1; Aquatic Chronic 2; H317, H411
10X Wash Buffer - MILLIPLEX	Millipore	L-WB	
Human High Sensitivity T Cell Detect Abs	Millipore	HSTC-1028	Eye Irrit. 2; H319
Streptavidin-Phycoerythrin	Millipore	MC-SAPE7	Eye Irrit. 2; H319
Bead Diluent COLD PACKS	Millipore	LBD	
19-I-TAC/CXCL11 Beads - Magnetic	Millipore	HITAC-MAG	
20-anti GM-CSF MAGNETIC Beads MILLIPLEX	Millipore	HGMCSF-MAG	
21-Fractalkine MAGNETIC Beads-MILLIPLEX	Millipore	HFKN-MAG	
25-anti IFN gamma MAGNETIC Beads MILLIPLEX	Millipore	HCYIFNG-MAG	
27-anti IL-10 MAGNETIC Beads MILLIPLEX	Millipore	HCYIL10-MAG	
28-MIP3a/CCL20 Beads - Magnetic	Sigma-Aldrich	HMIP3A-MAG	
33-anti IL-12p70 MAGNETICbeads MILLIPLEX	Millipore	HIL12P70-MAG	

Millipore- HSTCMAG-28SK

Page 5 of 17

The life science business of Merck operates as MilliporeSigma in the US and Canada



35-anti IL-13 MAGNETIC Beads MILLIPLEX	Millipore	HIL13-MAG
39-anti IL-17A MAGNETIC Beads MILLIPLEX	Millipore	HIL17-MAG
46-anti IL-1 beta MAGNETIC Beads MILLIPLEX	Millipore	HCYIL1B-MAG
48-anti IL-2 MAGNETIC Beads MILLIPLEX	Millipore	HIL2-MAG
52-IL-21 MAGNET Beads-MILLIPLEX COLD PKS	Millipore	HIL21-MAG
53-anti IL-4 MAGNETIC Beads MILLIPLEX	Millipore	HIL4-MAG
54-IL-23 MAGNET Beads-MILLIPLEX COLD PKS	Millipore	HIL23-MAG
55-anti IL-5 MAGNETIC Beads MILLIPLEX	Millipore	HIL5-MAG
57-anti IL-6 MAGNETIC Beads MILLIPLEX	Millipore	HCYIL6-MAG
61-anti IL-7 MAGNETIC Beads MILLIPLEX	Millipore	HIL7-MAG
63-anti IL-8 MAGNETIC Beads MILLIPLEX	Millipore	HCYIL8-MAG
72-anti MIP-1 alpha MAG Beads MILLIPLEX	Millipore	HMIP1A-MAG
73-anti MIP-1 beta MAGN Beads MILLIPLEX	Millipore	HMIP1B-MAG
75-anti TNF alpha MAGNETIC Beads MILLIPLEX	Millipore	HCYTNFA-MAG



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.

Copyright 2020 Sigma-Aldrich Co. LLC. License granted to make unlimited paper copies for internal use only.


The branding on the header and/or footer of this document may temporarily not visually match the product purchased as we transition our branding. However, all of the information in the document regarding the product remains unchanged and matches the product ordered. For further information please contact mlsbranding@sial.com.




Kit Components:

Human High Sensitivity T Cell Standard					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - HSTC-8028		Danger	<p>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.</p>	<p>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.</p>	



Human High Sensitivity T Cell Quality Control 1 & 2					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - HSTC-6028		Danger	<p>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.</p>	<p>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.</p>	

Serum Matrix					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - MXHSM-7		Warning	<p>Harmful in contact with skin. Harmful to aquatic life with</p>	<p>Avoid release to the environment. IF ON SKIN: Wash with plenty of</p>	




			long lasting effects.	water. Call a POISON CENTER/ doctor if you feel unwell. Dispose of contents/ container to an approved waste disposal plant. Wear protective gloves/ protective clothing. Take off contaminated clothing and wash it before reuse.	
--	--	--	-----------------------	---	--


Assay Buffer MILLIPLEX


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

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.	



Human High Sensitivity T Cell Detect Abs					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - HSTC-1028		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.	

Streptavidin-Phycoerythrin					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - MC-SAPE7		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.	

Bead Diluent COLD PACKS					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore -					No hazard



LBD					pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required
-----	--	--	--	--	---

19-I-TAC/CXCL11 Beads - Magnetic

Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - HITAC-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-anti IFN gamma MAGNETIC Beads MILLIPLEX

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



27-anti IL-10 MAGNETIC Beads MILLIPLEX					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - HCYIL10-MAG					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

28-MIP3a/CCL20 Beads - Magnetic					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Sigma-Aldrich - HMIP3A-MAG					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

33-anti IL-12p70 MAGNETICbeads MILLIPLEX					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - HIL12P70-MAG					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

35-anti IL-13 MAGNETIC Beads MILLIPLEX					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - HIL13-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.



46-anti IL-1 beta MAGNETIC Beads MILLIPLEX					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - HCYIL1B-MAG					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

48-anti IL-2 MAGNETIC Beads MILLIPLEX					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - HIL2-MAG					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

52-IL-21 MAGNET Beads-MILLIPLEX COLD PKS					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - HIL21-MAG					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

53-anti IL-4 MAGNETIC Beads MILLIPLEX					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - HIL4-MAG					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

54-IL-23 MAGNET Beads-MILLIPLEX COLD PKS					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - HIL23-MAG					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.



55-anti IL-5 MAGNETIC Beads MILLIPLEX					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - HIL5-MAG					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

57-anti IL-6 MAGNETIC Beads MILLIPLEX					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - HCYIL6-MAG					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

61-anti IL-7 MAGNETIC Beads MILLIPLEX					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - HIL7-MAG					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

63-anti IL-8 MAGNETIC Beads MILLIPLEX					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - HCYIL8-MAG					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

72-anti MIP-1 alpha MAG Beads MILLIPLEX					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - HMIP1A-MAG					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.



73-anti MIP-1 beta MAGN Beads MILLIPLEX					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - HMIP1B-MAG					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

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

