• SAFETY DATA SHEET

Version 8.7
Revision Date 10/13/2025
Print Date 07/15/2026

SECTION 1. IDENTIFICATION

1.1 Product identifiers

Product name : Human Apolipoprotein MAG Panel

Product Number : APOMAG-62K
Catalogue No. : 6D9847
Brand : Millipore

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

Identified uses : Biochemical research/analysis
Uses advised against :

The product is being supplied under the TSCA R&D Exemption (40 CFR Section 720.36). It is the recipient's responsibility to comply with the requirements of the R&D exemption. The product may not be used for a non-exempt commercial purpose under TSCA unless appropriate consent is granted in writing by MilliporeSigma.

1.3 Details of the supplier of the safety data sheet

Company : Sigma-Aldrich Inc.
3050 SPRUCE ST
ST. LOUIS MO 63103
UNITED STATES

Telephone : +1 314 771-5765
Fax : +1 800 325-5052

1.4 Emergency telephone number

Emergency Phone # : 800-424-9300 CHEMTREC (USA) +1-703-527-3887 CHEMTREC (International) 24 Hours/day; 7 Days/week

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.

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SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Hazards for the product as supplied

Acute toxicity (Oral)	:	Category 4
Acute toxicity (Inhalation)	:	Category 4
Acute toxicity (Dermal)	:	Category 4
Serious eye damage	:	Category 1
Respiratory sensitisation	:	Category 1
Skin sensitisation	:	Category 1
Specific target organ toxicity - repeated exposure	:	Category 2 (Respiratory Tract)
Specific target organ toxicity - repeated exposure (Oral)	:	Category 2 (Brain)
Short-term (acute) aquatic hazard	:	Category 2
Long-term (chronic) aquatic hazard	:	Category 2

Other hazards

None known.

GHS label elements

Hazard pictograms :



Signal Word : Danger

Hazard Statements : 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.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H373 May cause damage to organs (Respiratory Tract) through prolonged or repeated exposure.

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H373 May cause damage to organs (Brain) through prolonged or repeated exposure if swallowed.
H411 Toxic to aquatic life with long lasting effects.

Supplemental Hazard Statements : Corrosive to the respiratory tract.

Precautionary statements :

Prevention:

P260 Do not breathe mist or vapours.
P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P272 Contaminated work clothing must not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P285 In case of inadequate ventilation wear respiratory protection.

Response:

P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell. Rinse mouth.
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 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor.
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.
P342 + P311 If experiencing respiratory symptoms: Call a POISON CENTER/ doctor.
P391 Collect spillage.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

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

For precautions see section 2.2.

Advice on safe handling	:	Work under hood. Do not inhale substance/mixture. Avoid generation of vapours/aerosols.
Further information on storage conditions	:	Tightly closed.
Storage class	:	10, Combustible liquids
Recommended storage temperature	:	Recommended storage temperature see product label.

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

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SECTION 14. TRANSPORT INFORMATION

International Regulations

IATA-DGR
Not regulated as a dangerous good

IMDG-Code
Not regulated as a dangerous good

Transport in bulk according to IMO instruments
Not applicable for product as supplied.

National Regulations

49 CFR Road
Not regulated as a dangerous good

Poison Inhalation Hazard : No

Special precautions for user

Remarks : Not classified as dangerous in the meaning of transport regulations.

SECTION 15. REGULATORY INFORMATION

SECTION 16. OTHER INFORMATION

Kit Components:

Human Apolipoprotein Standard	Millipore	HAP0-8062
Human Apolipoprotein Quality Controls 1,2	Millipore	HAP0-6062
Bead Diluent	Millipore	LA-BD
Milliplex Assay Buffer	Millipore	L-AB
10X Wash Buffer - MILLIPLEX	Millipore	L-WB
Apolipoprotein Detection Antibody	Millipore	LA-1062
Streptavidin-Phycoerythrin	Millipore	L-SAPE
18-Apo. AI Beads - Magnetic	Millipore	HAP0A1-MAG
42-Hu ApoA2 Beads - Magnetic	Millipore	HAP0A2-MAG
47 - Hu Apo B Beads - Magnetic	Millipore	HAP0B-MAG
65 - Hu Apo C2 Beads - Magnetic	Millipore	HAP0C2-MAG
27-Apo. CIII Beads -	Millipore	HAP0C3-MAG

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Magnetic 30-Apo. E Beads - Magnetic	Millipore	HAP0E-MAG

Full text of other abbreviations

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; 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; ERG - Emergency Response Guide; GHS - Globally Harmonised System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; 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 Organisation; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardisation; 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; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organisation 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; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; 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

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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US / EN

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Kit Components:

Human Apolipoprotein Standard					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary statements	Supplemental information
Millipore - HAP0-8062		Danger	Harmful if swallowed, in contact with skin or if inhaled. Causes serious eye damage. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause damage to organs (Respiratory Tract) through prolonged or repeated exposure. May cause damage to organs (Brain) through prolonged or repeated exposure if swallowed. Harmful to aquatic life with long lasting effects.	Do not breathe dust. IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell. Rinse mouth. Dispose of contents/ container to an approved waste disposal plant. Wash skin thoroughly after handling. IF ON SKIN: Wash with plenty of water. Call a POISON CENTER/ doctor if you feel unwell. Do not eat, drink or smoke when using this product. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell. Use only outdoors or in a well-ventilated area. IF IN EYES: Rinse cautiously	

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				with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor. Avoid release to the environment. If experiencing respiratory symptoms: Call a POISON CENTER/ doctor. Wear protective gloves/ protective clothing/ eye protection/ face protection. In case of inadequate ventilation wear respiratory protection.	

Human Apolipoprotein Quality Controls 1,2					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary statements	Supplemental information
Millipore - HAP0-6062		Danger	Harmful if swallowed, in contact with skin or if inhaled. Causes serious eye damage. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause damage to organs (Respiratory Tract) through	Do not breathe dust. IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell. Rinse mouth. Dispose of contents/ container to an approved waste disposal plant. Wash skin thoroughly after handling. IF ON SKIN: Wash with plenty of water. Call a	

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			prolonged or repeated exposure. May cause damage to organs (Brain) through prolonged or repeated exposure if swallowed. Harmful to aquatic life with long lasting effects.	POISON CENTER/ doctor if you feel unwell. Do not eat, drink or smoke when using this product. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell. Use only outdoors or in a well-ventilated area. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor. Avoid release to the environment. If experiencing respiratory symptoms: Call a POISON CENTER/ doctor. Wear protective gloves/ protective clothing/ eye protection/ face protection. In case of inadequate ventilation wear respiratory	

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				protection.	

Bead Diluent					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary statements	Supplemental information
Millipore - LA-BD					No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required.

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.

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 vapours. IF ON SKIN: Wash with plenty of water. Dispose of contents/ container to an approved waste disposal plant. Contaminated work clothing must not be allowed out of the workplace. If skin irritation or rash occurs: Get medical advice/ attention. Avoid release to the	

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				environment. Take off contaminated clothing and wash it before reuse. Wear protective gloves. Collect spillage.	

Apolipoprotein Detection Antibody					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary statements	Supplemental information
Millipore - LA-1062		Warning	Causes serious eye irritation. May cause damage to organs (Respiratory Tract) through prolonged or repeated exposure.	Do not breathe mist or vapours. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Dispose of contents/ container to an approved waste disposal plant. Wash skin thoroughly after handling. Get medical advice/ attention if you feel unwell. 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 - L-SAPE		Warning	Causes serious eye irritation. May cause damage to organs	Do not breathe mist or vapours. IF IN EYES: Rinse cautiously with water for	

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			(Respiratory Tract) through prolonged or repeated exposure.	several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Dispose of contents/ container to an approved waste disposal plant. Wash skin thoroughly after handling. Get medical advice/ attention if you feel unwell. Wear eye protection/ face protection. If eye irritation persists: Get medical advice/ attention.	

18-Apo. AI Beads - Magnetic					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary statements	Supplemental information
Millipore - HAP0A1-MAG					No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required.

42-Hu ApoA2 Beads - Magnetic					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary statements	Supplemental information
Millipore - HAP0A2-MAG					No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required.

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47 - Hu Apo B Beads - Magnetic					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary statements	Supplemental information
Millipore - HAP0B-MAG					No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required.

65 - Hu Apo C2 Beads - Magnetic					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary statements	Supplemental information
Millipore - HAP0C2-MAG					No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required.

27-Apo. CIII Beads - Magnetic					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary statements	Supplemental information
Millipore - HAP0C3-MAG					No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required.

30-Apo. E Beads - Magnetic					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary statements	Supplemental information
Millipore - HAP0E-MAG					No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required.

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