



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

Version 6.4 Revision Date 19.04.2023 Print Date 10.05.2023 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 | : | Sulfide Test Method: photometric 0.020 - 1.50 mg/l S ²⁻ Spectroquant® |
|-----|---|----|--|
| | Product Number Catalogue No. Brand REACH No. | : | 1.14779 114779 Millipore This product is a mixture. REACH Registration Number see section 3. |
| 1.2 | Relevant identified us | es | of the substance or mixture and uses advised against |
| | Identified uses | : | Reagent for analysis |
| 1.3 | Details of the supplier | of | the safety data sheet |

| | Company | : | Merck KGaA Frankfurter Str. 250 D-64271 DARMSTADT |
|-----|--|---|--|
| 1.4 | Telephone Fax E-mail address Emergency telephone | : | +49 (0)6151 72-0 +49 6151 727780 TechnicalService@merckgroup.com |
| | 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

Corrosive to Metals (Category 1), H290 Skin corrosion (Sub-category 1A), H314 Serious eye damage (Category 1), H318

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

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2.2 Label elements

| Labelling according Reg Pictogram | Labelling according Regulation (EC) No 1272/2008 Pictogram | | |
|---|--|--|--|
| Signal Word | Danger | | |
| Hazard statement(s) H290 H314 | May be corrosive to metals. Causes severe skin burns and eye damage. | | |
| Precautionary statement(s P234 P280 |) Keep only in original packaging. Wear protective gloves/ protective clothing/ eye protection/ face protection. | | |
| P303 + P361 + P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. | | |
| P304 + P340 + P310 | IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/ doctor. | | |
| P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. | | |
| P363 | Wash contaminated clothing before reuse. | | |
| Supplemental Hazard Statements | none | | |

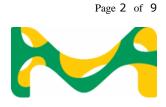
Reduced Labeling (<= 125 ml)

| Pictogram | |
|------------------------------------|--|
| Signal Word | Danger |
| Hazard statement(s) H314 | Causes severe skin burns and eye damage. |
| Precautionary statement(s) P280 | Wear protective gloves/ protective clothing/ eye protection/ face protection. |
| P303 + P361 + P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. |
| P304 + P340 + P310 | IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/ doctor. |
| P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P363 | Wash contaminated clothing before reuse. |
| Supplemental Hazard Statements | none |

2.3 Other hazards - none

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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 For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions No metal containers. Tightly closed.

Recommended storage temperature see product label.

Storage class

Storage class (TRGS 510): 8B: Non-combustible, corrosive hazardous materials

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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| SECT | ION 12: Ecological inform | nation | |
|------|--|---------------------------|------------|
| | Refer to component SDS | | |
| | | | |
| SECT | TON 13: Disposal conside | rations | |
| | Refer to component SDS | | |
| | | | |
| SECT | ION 14: Transport inform | ation | |
| 14.1 | UN number ADR/RID: 3316 | IMDG: 3316 | IATA: 3316 |
| 14.2 | UN proper shipping name ADR/RID: CHEMICAL KIT IMDG: CHEMICAL KIT IATA: Chemical kit | e | |
| 14.3 | Transport hazard class(e ADR/RID: 9 | es) IMDG: 9 | IATA: 9 |
| 14.4 | Packaging group ADR/RID: II | IMDG: II | IATA: II |
| 14.5 | Environmental hazards ADR/RID: no | IMDG Marine pollutant: no | IATA: no |
| 14.6 | Special precautions for u Tunnel restriction code | i ser : (E) | |
| | 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: | | | |
|-----------------|-----------|--------|------------------------------------|
| S-1 | Millipore | 271460 | Skin Irrit. 2; Eye Irrit. 2; H315, |
| | | | H319 |
| S-2 | Millipore | 271461 | Met. Corr. 1; Skin Corr. 1A; Eye |
| | | | Dam. 1; H290, H314 |
| S-3 | Millipore | 271462 | Met. Corr. 1; Eye Dam. 1; H290, |
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Classification procedure:

Calculation method Calculation method Calculation method

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 | Classification of the mixture | |
|--------------------------|-------------------------------|--|
| Mat Cann 1 | 11200 | |

| Met. Corr.1 | H290 |
|--------------|------|
| Skin Corr.1A | H314 |
| Eye Dam.1 | H318 |

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

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Kit Components:

| S-1 | ſ | 1 | 1 | | 1 |
|-----------------------|-----------|---------|---|---|--------------|
| Product | Pictogram | Signal | Hazard | Precautionary | Supplemental |
| identifier | | Word | Statements | Statements | information |
| Millipore - 271460 | | Warning | Causes skin irritation. Causes serious eye irritation. | StatementsWash skinthoroughly afterhandling. IF ONSKIN: Washwith plenty ofwater. Wearprotectivegloves/ eyeprotection/ faceprotection. IF INEYES: Rinsecautiously withwater forseveral minutes.Remove contactlenses, ifpresent andeasy to do.Continuerinsing. If skinirritation occurs:Get medicaladvice/attention. Ifeye irritationpersists: Getmedical advice/attention. | |

| S-2 | | | | | |
|-----------------------|----------------------|----------------|---|---|--------------------------|
| Product identifier | Pictogram | Signal Word | Hazard Statements | Precautionary Statements | Supplemental information |
| Millipore - 271461 | THE REAL PROPERTY OF | Danger | May be corrosive to metals. Causes severe skin burns and eye damage. | Keep only in original packaging. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. | |

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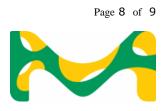
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| Wear protective gloves/ protective clothing/ eye protection/ face |
|---|
| protection, IF INHALED: Remove person |
| to fresh air and keep comfortable for |
| breathing. Immediately call a POISON |
| CENTER/ doctor. IF IN EYES: Rinse cautiously |
| with water for several minutes. Remove contact |
| lenses, if present and easy to do. |
| Continue rinsing. Wash contaminated |
| clothing before reuse. |

| S-3 | | | | | |
|-----------------------|-----------|----------------|--|---|--------------------------|
| Product identifier | Pictogram | Signal Word | Hazard Statements | Precautionary Statements | Supplemental information |
| Millipore - 271462 | | Danger | May be corrosive to metals. Causes serious eye damage. | Keep only in original packaging. 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. Absorb spillage to prevent material damage. | |

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