



SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006 Version 6.4 Revision Date 19.04.2023 Print Date 28.06.2023 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 <sup>2-</sup> 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 Life Science spol. s r. o. Na Hřebenech II 1718/10 CZ-140 00 PRAGUE
1.4	Telephone E-mail address Emergency telephone	:	+420 246 003-251 TechnicalService@merckgroup.com
	Emergency Phone #	:	+420 228880039(CHEMTREC)

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.

+420 224919293/224915402

(Toxikologické informační středisko)

# **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	ulation (EC) No 1272/2008
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

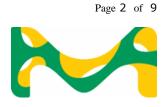
Reduced Labeling (<= 125 ml)

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	<b>UN number</b> 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	s) IMDG: 9	IATA: 9
14.4	<b>Packaging group</b> ADR/RID: II	IMDG: II	IATA: II
14.5	<b>Environmental hazards</b> ADR/RID: no	IMDG Marine pollutant: no	IATA: no
14.6	<b>Special precautions for u</b> Tunnel restriction code	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

<b>Classification of</b>	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:

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S-1					
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		Word	Statements	Statements	information
Millipore - 271460		Warning	Causes skin irritation. Causes serious eye irritation.	Wash skin thoroughly after handling. IF ON SKIN: Wash with plenty of water. Wear protective gloves/ eye protection/ face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs: Get medical advice/ attention. If eye irritation persists: Get medical advice/ attention.	

S-2					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
Millipore - 271461	THE HEAD	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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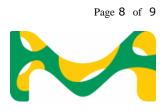
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Wear protective gloves/ protective clothing/ eye protection/ face
protection. IF INHALED: Remove person
to fresh air and keep comfortable for breathing.
Immediately call a POISON CENTER/ doctor. IF IN EYES:
Rinse cautiously with water for several minutes.
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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