

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Version 6.5

Revision Date 22.08.2023

Print Date 02.05.2025

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 : Sulfur in heavy mineral oil, ASTM D7220, Calibration Set A

Product Number : D7220HMSUA

Brand : Supelco

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 : Laboratory chemicals, Manufacture of substances

### 1.3

CHEMIKART

### 1.4 Emergency telephone

Emergency Phone # : 000 800 1007 141 (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.

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

### 2.2 Label elements

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

### 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 protection against fire and explosion**

Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharge.

**Hygiene measures**

Change contaminated clothing. Wash hands after working with substance.  
For precautions see section 2.2.

**7.2 Conditions for safe storage, including any incompatibilities****Storage conditions**

Tightly closed.

**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

Refer to component SDS

**SECTION 12: Ecological information**

Refer to component SDS

Refer to component SDS

**SECTION 13: Disposal considerations**

Refer to component SDS

Refer to component SDS

## SECTION 14: Transport information

#### 14.1 UN number

ADR/RID: - IMDG: - IATA: 3334

#### 14.2 UN proper shipping name

ADR/RID: Not dangerous goods  
IMDG: Not dangerous goods  
IATA: Aviation regulated liquid, n.o.s. (Dibutyl sulphide)

### 14.3 Transport hazard class(es)

ADR/RID: -      IMDG: -      IATA: 9

#### 14.4 Packaging group

ADR/RID: - IMDG: - IATA: III

#### 14.5 Environmental hazards

ADR/RID: no      IMDG Marine pollutant: no      IATA: no

#### 14.6 Special precautions for user

No data available

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:**

|                             |         |         |
|-----------------------------|---------|---------|
| Sulfur in heavy mineral oil | Supelco | HMSUBLK |
| Sulfur in heavy mineral oil | Supelco | HMSU01  |
| Sulfur in heavy mineral oil | Supelco | HMSU02  |
| Sulfur in heavy mineral oil | Supelco | HMSU03  |
| Sulfur in heavy mineral oil | Supelco | HMSU04  |

**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

**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](http://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 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](http://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](mailto:mlsbranding@sial.com).

CHEMIKART

## Kit Components:

| Sulfur in heavy mineral oil |           |             |                   |                          |                                                                                 |
|-----------------------------|-----------|-------------|-------------------|--------------------------|---------------------------------------------------------------------------------|
| Product identifier          | Pictogram | Signal Word | Hazard Statements | Precautionary Statements | Supplemental information                                                        |
| Supelco - HMSUBLK           |           |             |                   |                          | Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008. |

| Sulfur in heavy mineral oil |           |             |                   |                          |                                                                                 |
|-----------------------------|-----------|-------------|-------------------|--------------------------|---------------------------------------------------------------------------------|
| Product identifier          | Pictogram | Signal Word | Hazard Statements | Precautionary Statements | Supplemental information                                                        |
| Supelco - HMSU01            |           |             |                   |                          | Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008. |

| Sulfur in heavy mineral oil |           |             |                   |                          |                                                                                 |
|-----------------------------|-----------|-------------|-------------------|--------------------------|---------------------------------------------------------------------------------|
| Product identifier          | Pictogram | Signal Word | Hazard Statements | Precautionary Statements | Supplemental information                                                        |
| Supelco - HMSU02            |           |             |                   |                          | Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008. |

| Sulfur in heavy mineral oil |           |             |                   |                          |                                                                                 |
|-----------------------------|-----------|-------------|-------------------|--------------------------|---------------------------------------------------------------------------------|
| Product identifier          | Pictogram | Signal Word | Hazard Statements | Precautionary Statements | Supplemental information                                                        |
| Supelco - HMSU03            |           |             |                   |                          | Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008. |

| Sulfur in heavy mineral oil |           |             |                   |                          |                                                                   |
|-----------------------------|-----------|-------------|-------------------|--------------------------|-------------------------------------------------------------------|
| Product identifier          | Pictogram | Signal Word | Hazard Statements | Precautionary Statements | Supplemental information                                          |
| Supelco - HMSU04            |           |             |                   |                          | Not a hazardous substance or mixture according to Regulation (EC) |

|  |  |  |  |  |               |
|--|--|--|--|--|---------------|
|  |  |  |  |  | No 1272/2008. |
|--|--|--|--|--|---------------|

CHEMIKART