

Safety data sheet
according to 1907/2006/EC, Article 31, including amending
Regulation (EU) 2020/878

Printing date 19.12.2022

Version number 1.1 (replaces version 1.0)

Revision: 19.12.2022

**SECTION 1: Identification of the substance/mixture and of the company/
undertaking**

- **Product identifier**
- **Trade name:** SIPMED 68, SIPMED 68 USP, SIPMED 68 EL
H068D, H068U, H068EL
- **CAS Number:**
8042-47-5
- **EC number:**
232-455-8
- **Registration number** 01-2119487078-27-XXXX
- **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the mixture**
Manufacture of substance - Industrial
Use in Cleaning Agents - Consumer
Metal working fluids/rolling oils - Industrial
Metal working fluids/rolling oils - Professional
Use as binders and release agents - Industrial
Use as binders and release agents - Professional
Use in Agrochemicals uses - Professional
Use in Agrochemicals uses - Consumer
Rubber production and processing - Industrial
Polymer processing - Industrial
Use as an intermediate - Industrial
Lubricants - Industrial
Lubricants (Low release) - Professional
Lubricants (high release) - Professional
Lubricants (Low release) - Consumer
Lubricants (high release) - Consumer
Use in laboratories - Industrial
Use in laboratories - Professional
Water treatment chemicals - Industrial
Water treatment chemicals - Professional
Explosives manufacture and use - Professional
Distribution of substance - Industrial
Functional Fluids - Industrial
Functional Fluids - Professional
Other Consumer Uses - Consumer
Formulation and (re)packing of substances and mixtures - Industrial
Uses in Coatings – Industrial
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
SIP Oils and Fluids Europe BV
Liersesteenweg 400
2800 Mechelen
Belgium
Email: Quality@sip.com
- **Further information obtainable from:** product safety department

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DEE

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- **Emergency telephone number:**
 during office opening hours (9am - 4pm)
 Phone: +44 207 7170100

SECTION 2: Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
 The substance is not classified, according to the CLP regulation.
- **Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **Substances**
 - **CAS No. Description**
 8042-47-5 White mineral oil, petroleum
 - **Identification number(s)**
 - **EC number:** 232-455-8
 - **Regulation (EC) No 648/2004 on detergents / Labelling for contents**
- | | |
|------------------------|------|
| aliphatic hydrocarbons | ≥30% |
|------------------------|------|

SECTION 4: First aid measures

- **Description of first aid measures**
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.
- **Most important symptoms and effects, both acute and delayed**
 No further relevant information available.

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- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

SECTION 6: Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

- **Precautions for safe handling** No special measures required.
- **Information about fire - and explosion protection:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **Storage class (TRGS):** 12
- **Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:** Not required.
- **Additional information:** The lists valid during the making were used as basis.

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- **Exposure controls**
- **Appropriate engineering controls** No further data; see item 7.
- **Individual protection measures, such as personal protective equipment**
- **General protective and hygienic measures:**
 The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:** Not required.
- **Hand protection**
 The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
 Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
 Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
 Not required.
- **Material of gloves**
 The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
- **Penetration time of glove material**
 The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye/face protection** Goggles recommended during refilling

SECTION 9: Physical and chemical properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Physical state** Fluid
- **Colour:** Colourless
- **Odour:** Odourless
- **Odour threshold:** Not determined.
- **Melting point/freezing point:** Undetermined.
- **Boiling point or initial boiling point and boiling range** Undetermined.
- **Flammability** Not applicable.
- **Lower and upper explosion limit**
- **Lower:** 0,9 Vol %
- **Upper:** 7 Vol %
- **Flash point:** >240 °C
- **Decomposition temperature:** Not determined.
- **pH** Not determined.

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<ul style="list-style-type: none"> · Viscosity: · Kinematic viscosity at 40 °C 70 mm²/s · Viscosity @100°C: · Dynamic: Not determined. · Solubility · water: Not miscible or difficult to mix. · Partition coefficient n-octanol/water (log value) Not determined. · Vapour pressure at 20 °C: <0,13 hPa · Density and/or relative density · Density: Not determined. · Relative density Not determined. · Density (@15°C) 0,869 g/cm³ · Vapour density Not determined.
<ul style="list-style-type: none"> · Other information · Appearance: · Form: Fluid · Important information on protection of health and environment, and on safety. · Auto-ignition temperature: Not determined. · Explosive properties: Product does not present an explosion hazard. · Solvent content: · VOC (EC) 0,00 % · Solids content: 0,0 % · Change in condition · Softening point/range · Pour point -12 °C · Evaporation rate Not determined.
<ul style="list-style-type: none"> · Information with regard to physical hazard classes · Explosives Void · Flammable gases Void · Aerosols Void · Oxidising gases Void · Gases under pressure Void · Flammable liquids Void · Flammable solids Void · Self-reactive substances and mixtures Void · Pyrophoric liquids Void · Pyrophoric solids Void

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· Self-heating substances and mixtures	Void
· Substances and mixtures, which emit flammable gases in contact with water	Void
· Oxidising liquids	Void
· Oxidising solids	Void
· Organic peroxides	Void
· Corrosive to metals	Void
· Desensitised explosives	Void

SECTION 10: Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

- **LD/LC50 values relevant for classification:**

8042-47-5 White mineral oil, petroleum

Oral	LD50	>5.000 mg/kg (rat)
Dermal	LD50	>2.000 mg/kg (rabbit)
Inhalative	LD50	>5.000 mg/kg (rat)
	LC50 (4h)	>5.000 mg/l (rat)

- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

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· **Information on other hazards**

· **Endocrine disrupting properties**

Substance is not listed.

SECTION 12: Ecological information

· **Toxicity**

· **Aquatic toxicity:**

8042-47-5 White mineral oil, petroleum

Oral	LL0 (96h)	100-10.000 mg/l (Fish)
	ELO (48h)	100 mg/l (daphnia)
	ELO (72h)	100 mg/l (Pseudokirchneriella subcapitata)
	NOELR (21d)	10-1.000 mg/l (daphnia)
	NOELR (72h)	100 ml/l (Pseudokirchneriella subcapitata)

· **Persistence and degradability** No further relevant information available.

· **Bioaccumulative potential** No further relevant information available.

· **Mobility in soil** No further relevant information available.

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

· **Other adverse effects** No further relevant information available.

· **Additional ecological information:**

· **General notes:**

Water hazard class 1 (German Regulation) (Assessment by list): slightly hazardous for water
 Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 13: Disposal considerations

· **Waste treatment methods**

· **Recommendation** Smaller quantities can be disposed of with household waste.

· **European waste catalogue**

13 02 05*	mineral-based non-chlorinated engine, gear and lubricating oils
15 01 10*	packaging containing residues of or contaminated by hazardous substances

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- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

- | | |
|--|-----------------|
| · UN number or ID number
· ADR, IMDG, IATA | not regulated |
| · UN proper shipping name
· ADR, IMDG, IATA | not regulated |
| · Transport hazard class(es)
· ADR, ADN, IMDG, IATA
· Class | not regulated |
| · Packing group
· ADR, IMDG, IATA | not regulated |
| · Environmental hazards: | Not applicable. |
| · Special precautions for user | Not applicable. |
| · Maritime transport in bulk according to IMO instruments | Not applicable. |
| · UN "Model Regulation": | not regulated |

SECTION 15: Regulatory information

- | |
|--|
| · Safety, health and environmental regulations/legislation specific for the substance or mixture: (Substances not listed) |
| Substance is not listed. |
| · Directive 2004/42/EC |
| · Directive 2012/18/EU |
| · Named dangerous substances - ANNEX I Substance is not listed. |
| · REGULATION (EU) 2019/1148 |
| · Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3)) |
| Substance is not listed. |
| · Annex II - REPORTABLE EXPLOSIVES PRECURSORS |
| Substance is not listed. |

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· Regulation (EC) No 273/2004 on drug precursors

Substance is not listed.

· Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

Substance is not listed.

· National regulations:

- **Waterhazard class:** Water hazard class 1 (Assessment by list): slightly hazardous for water.
- **VOC (EU)** 0,0 g/l
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information**· Disclaimer**

This safety data sheet contains only safety relevant information. The information is based on the state of our knowledge at the time of revision, however, it does not constitute a guarantee of product properties, product information or product specifications and does not establish a contractual legal relationship. This document is only valid in its unchanged form. In the event of changes by third parties, the exhibitor accepts no responsibility for form and content or for any damages or claims arising from such changes. The information is not transferable to other products. If the product named in this safety data sheet is mixed, blended or processed with other materials or is subjected to processing, the information in this safety data sheet cannot be transferred to the new material produced in this way, unless expressly stated otherwise. The data sheet does not release the user from the obligation to ensure that he acts in accordance with all regulations in connection with his activity.

· Department issuing SDS: Quality Management department**· Contact:** MSDS authorized Person**· Version number of previous version:** 1.0**· Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

· * Data compared to the previous version altered.