

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**JG598 STERILIT I Drip Lubricator**

Revision date: 20.02.2024

Product code: 00250-0003

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

JG598 STERILIT I Drip Lubricator

UFI: JERA-E6J8-170F-GMFN

**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of the substance/mixture**

Preservative agent

**1.3. Details of the supplier of the safety data sheet**

Company name: AESCULAP AG  
Street: Am AESCULAP-Platz  
Place: D-78532 Tuttlingen/Donau  
Telephone: +49 (0) 74 61 95-0      Telefax: +49 (0) 74 61 95-2600  
Responsible Department: Responsible for the safety data sheet: sds@gbk-ingelheim.de

**1.4. Emergency telephone number:**

INTERNATIONAL: +49 - (0) 6132 - 84463, GBK GmbH (24h - 7d/w - 365d/a)  
Public Poisons Information Line: +353 (0) 1 809 2166 (8am-10pm 7 days a week)

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Regulation (EC) No 1272/2008**

This mixture is not classified as hazardous in accordance with Regulation (EC) No 1272/2008.

**2.2. Label elements****Additional advice on labelling**

The product does not require a hazard warning label in accordance with EC directives/the relevant national laws.

**2.3. Other hazards**

According to Regulation (EC) No 1907/2006 (REACH) none of the substances, contained in this product are a PBT / vPvB substance.

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

**SECTION 3: Composition/information on ingredients****3.2. Mixtures****Chemical characterization**

Mixture of highly refined hydrocarbons (white oil)

**Hazardous components**

none (according to Regulation (EC) No 1907/2006 (REACH))

**SECTION 4: First aid measures****4.1. Description of first aid measures****After inhalation**

Ensure of fresh air.

In the event of symptoms refer for medical treatment.

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**After contact with skin**

Wash with water and soap as a precaution.  
Consult a doctor if skin irritation persists.

**After contact with eyes**

Rinse thoroughly with plenty of water, also under the eyelids.  
If eye irritation persists, consult a specialist.

**After ingestion**

Do not induce vomiting.  
Administer activated charcoal.  
Summon a doctor immediately.  
Induce vomiting only upon the advice of a physician.

**4.2. Most important symptoms and effects, both acute and delayed**

A longer or repeated contact may lead to irritation of eyes and mucous membranes.  
Prolonged skin contact may cause irritation.  
Attention. Beware, danger of aspiration.

**4.3. Indication of any immediate medical attention and special treatment needed**

Treat symptoms.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Foam, carbon dioxide (CO<sub>2</sub>), dry chemical, water-spray.

**Unsuitable extinguishing media**

Full water jet.

**5.2. Special hazards arising from the substance or mixture**

Fire may produce:  
Carbon monoxide, carbon dioxide, sulphur oxides and nitrogen oxides (NO<sub>x</sub>).

**5.3. Advice for firefighters**

Use breathing apparatus with independent air supply.  
Protective suit.

**Additional information**

Cool containers at risk with water spray jet.  
Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****General advice**

Attention. Hazard of skidding.

**For non-emergency personnel**

Avoid contact with skin, eyes and clothing.

**For emergency responders**

Use personal protection equipment.

**6.2. Environmental precautions**

Do not discharge into the drains/surface waters/groundwater.  
Do not discharge into the subsoil/soil.

**6.3. Methods and material for containment and cleaning up****For containment**

Prevent spread over a wide area (e.g. by containment or oil barriers).

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**For cleaning up**

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder).  
Shovel into suitable container for disposal.

**6.4. Reference to other sections**

Observe protective instructions (see Sections 7 and 8).  
Informations for disposal look up chapter 13.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

Avoid contact with skin, eyes and clothing.

**Advice on protection against fire and explosion**

No special protective measures against fire required.

**Advice on general occupational hygiene**

Keep away from food and drink.  
Wash hands before breaks and at the end of workday.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Store at ambient temperature in a well-ventilated place. Keep container tightly closed.  
Avoid direct sun exposure/UV radiation.

**Hints on joint storage**

Incompatible with oxidizing agents.

**Further information on storage conditions**

Keep away from food and drink.

**7.3. Specific end use(s)**

Preservative agent

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Additional advice on limit values**

To date, no national critical limit values exist.

**8.2. Exposure controls****Appropriate engineering controls**

No specific precautions required.

**Individual protection measures, such as personal protective equipment****Eye/face protection**

If used properly, no need to wear eye protection.  
Avoid contact with the eyes.

**Hand protection**

If used properly, protective gloves are normally not required.  
Avoid contact with the skin.

**Respiratory protection**

No personal respiratory protective equipment normally required.  
In case of vapour formation use respirator.

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### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

|                 |                                |
|-----------------|--------------------------------|
| Physical state: | Liquid                         |
| Colour:         | Colourless, Slightly yellowish |
| Odour:          | Odourless                      |

#### Test method

#### Changes in the physical state

|                                                           |              |
|-----------------------------------------------------------|--------------|
| Melting point/freezing point:                             | n. d.        |
| Boiling point or initial boiling point and boiling range: | n. d.        |
| Sublimation point:                                        | n.a.         |
| Softening point:                                          | n. d.        |
| Pour point:                                               | < - 9 °C (*) |
| Flash point:                                              | 200 °C (*)   |

#### Flammability

|               |      |
|---------------|------|
| Solid/liquid: | n.a. |
|---------------|------|

#### Explosive properties

The product is not explosive.

|                            |       |
|----------------------------|-------|
| Lower explosion limits:    | n. d. |
| Upper explosion limits:    | n. d. |
| Auto-ignition temperature: | n. d. |

#### Self-ignition temperature

|        |      |
|--------|------|
| Solid: | n.a. |
| Gas:   | n.a. |

|                            |              |
|----------------------------|--------------|
| Decomposition temperature: | > 350 °C (*) |
|----------------------------|--------------|

|           |                            |
|-----------|----------------------------|
| pH-Value: | Not detectable by analysis |
|-----------|----------------------------|

|                      |       |
|----------------------|-------|
| Viscosity / dynamic: | n. d. |
|----------------------|-------|

|                                      |                           |
|--------------------------------------|---------------------------|
| Viscosity / kinematic:<br>(at 40 °C) | 52 mm <sup>2</sup> /s (*) |
|--------------------------------------|---------------------------|

|            |       |
|------------|-------|
| Flow time: | n. d. |
|------------|-------|

|                   |           |
|-------------------|-----------|
| Water solubility: | Insoluble |
|-------------------|-----------|

#### Solubility in other solvents

n. d.

|                                        |       |
|----------------------------------------|-------|
| Partition coefficient n-octanol/water: | n. d. |
|----------------------------------------|-------|

|                                |               |
|--------------------------------|---------------|
| Vapour pressure:<br>(at 20 °C) | < 0,1 hPa (*) |
|--------------------------------|---------------|

|                     |                                |
|---------------------|--------------------------------|
| Density (at 20 °C): | approx. 0,85 g/cm <sup>3</sup> |
|---------------------|--------------------------------|

|               |      |
|---------------|------|
| Bulk density: | n.a. |
|---------------|------|

|                          |       |
|--------------------------|-------|
| Relative vapour density: | n. d. |
|--------------------------|-------|

#### 9.2. Other information

#### Information with regard to physical hazard classes

Oxidizing properties

Not oxidising.

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Solvent separation test: 0 %  
Solvent content: 0 %  
Evaporation rate: n. d.

**Further Information**

(\*) White oil, technical

**SECTION 10: Stability and reactivity****10.1. Reactivity**

No decomposition if stored and applied as directed.

**10.2. Chemical stability**

Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

Reactions with oxidising agents.

**10.4. Conditions to avoid**

Keep away from heat and sources of ignition.

**10.5. Incompatible materials**

Strong oxidizing agents

**10.6. Hazardous decomposition products**

No hazardous decomposition products known.

Fire may produce:

Carbon monoxide, carbon dioxide, sulphur oxides, and nitrogen oxides (NO<sub>x</sub>).**SECTION 11: Toxicological information****11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity**

Based on available data, the classification criteria are not met.

**ATEmix calculated**

ATE (oral) &gt; 2000 mg/kg; ATE (dermal) &gt; 2000 mg/kg; ATE (inhalation vapour) &gt; 20 mg/l; ATE (inhalation dust/mist) &gt; 5 mg/l

**Irritation and corrosivity**

Based on available data, the classification criteria are not met.

**Sensitising effects**

Based on available data, the classification criteria are not met.

**Carcinogenic/mutagenic/toxic effects for reproduction**

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.

**Additional information on tests**

Classification in compliance with the assessment procedure specified in the Regulation (EC) no 1272/2008.

**11.2. Information on other hazards****Endocrine disrupting properties**

No data available

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**Other information**

A longer or repeated contact may lead to irritation of eyes and mucous membranes.  
Prolonged skin contact may cause irritation.

**SECTION 12: Ecological information****12.1. Toxicity**

Ecological data are not available.  
White oil, technical  
LC50/Leuciscus idus/96 h > 1000 mg/l  
EC50/Daphnia magna/48 h > 100 mg/l  
NOEL/Pseudokirchneriella subcapitata/72 h > 100 mg/l  
NOEL/Fish/28 d > 1000 mg/l (QSAR)

**12.2. Persistence and degradability**

Not readily biodegradable.

**12.3. Bioaccumulative potential**

No data available

**12.4. Mobility in soil**

No data available

**12.5. Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**12.6. Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no component meets the criteria.

**12.7. Other adverse effects**

Slightly water hazardous.

**Further information**

Do not flush into surface water or sanitary sewer system.  
In sewers, may be separated by oil and grease separators.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations**

Can be incinerated, when in compliance with local regulations.  
Where possible recycling is preferred to disposal.

**Contaminated packaging**

Empty containers should be taken for local recycling, recovery or waste disposal.  
Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.  
Packaging that cannot be cleaned should be disposed of like the product.

**SECTION 14: Transport information****Land transport (ADR/RID)**

- 14.1. UN number or ID number:**  
**14.2. UN proper shipping name:**  
**14.3. Transport hazard class(es):**  
**14.4. Packing group:**

No dangerous good in sense of this transport regulation.  
No dangerous good in sense of this transport regulation.  
No dangerous good in sense of this transport regulation.  
No dangerous good in sense of this transport regulation.

**Inland waterways transport (ADN)**

- 14.1. UN number or ID number:**  
**14.2. UN proper shipping name:**

No dangerous good in sense of this transport regulation.  
No dangerous good in sense of this transport regulation.

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### 14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

### 14.4. Packing group:

No dangerous good in sense of this transport regulation.

#### Marine transport (IMDG)

##### 14.1. UN number or ID number:

No dangerous good in sense of this transport regulation.

##### 14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

##### 14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

##### 14.4. Packing group:

No dangerous good in sense of this transport regulation.

#### Air transport (ICAO-TI/IATA-DGR)

##### 14.1. UN number or ID number:

No dangerous good in sense of this transport regulation.

##### 14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

##### 14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

##### 14.4. Packing group:

No dangerous good in sense of this transport regulation.

### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

### 14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

### 14.7. Maritime transport in bulk according to IMO instruments

No dangerous good in sense of this transport regulation.

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### EU regulatory information

Directive 2004/42/EC on VOC in paints and varnishes: 0 %

Information according to Directive 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

#### National regulatory information

Water hazard class (D): 1 - slightly hazardous to water

### 15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

## SECTION 16: Other information

### Changes

This data sheet contains changes from the previous version in section(s): 9.

Changes in chapter: 3, 9

### Abbreviations and acronyms

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route

RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses

ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure

IMDG = International Maritime Code for Dangerous Goods

IATA/ICAO = International Air Transport Association / International Civil Aviation Organization

MARPOL = International Convention for the Prevention of Pollution from Ships

IBC-Code = International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk

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GHS = Globally Harmonized System of Classification and Labelling of Chemicals

REACH = Registration, Evaluation, Authorization and Restriction of Chemicals

CAS = Chemical Abstract Service

EN = European norm

ISO = International Organization for Standardization

DIN = Deutsche Industrie Norm

PBT = Persistent Bioaccumulative and Toxic

vPvB = Very Persistent and very Bio-accumulative

LD = Lethal dose

LC = Lethal concentration

EC = Effect concentration

IC = Median immobilisation concentration or median inhibitory concentration

**Further Information**

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product (s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

"(n.a. = not applicable; n.d. = not determined)"

*(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*