

Safety Data Sheet according to WHMIS

AESCULAP AG

Revision date: 04.04.2013

Revision No:

1,04

AESCULAP STERILIT I DRIP LUBRICATOR

00250-0003

Identification of the substance/mixture and of the company/undertaking

Identification of the substance or mixture

AESCULAP STERILIT I DRIP LUBRICATOR

Further trade names

JG 598

Use of the substance/mixture

Preservative agent

Company/undertaking identification

Manufacturer

AESCULAP AG

Am AESCULAP-Platz

D-78532 Tuttlingen/Donau

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Responsible Department:

Responsible for the safety data sheet: sds@gbk-ingelheim.de

Emergency telephone: Emergency Telephone: +1 3523233500 (INFOTRAC)

Hazards identification

Explication of special hazards for human health and environment

Not known.

Composition/information on ingredients

Chemical characterization (Mixture)

Mixture of highly refined hydrocarbons (white oil)

First aid measures

General information

Remove contaminated soaked clothing immediately.

Take away from danger area and lay down affected person.

After inhalation

Move to fresh air in case of accidental inhalation of vapours.

In the event of symptoms refer for medical treatment.

After contact with skin

Wash off immediately with soap and plenty of water.

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.

Advice to doctor

Treat symptoms.

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.

Fire-fighting measures

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Suitable extinguishing media

Foam, carbon dioxide (CO₂), dry chemical, water-spray.

Extinguishing media which must not be used for safety reasons

Full water jet

Special exposure hazards arising from substance or mixture itself, combustion products, resulting gases

Fire may produce:

Carbon monoxide, carbon dioxide, sulphur oxides and nitrogen oxides (NO_x).

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.

Do not inhale explosion and/or combustion gases.

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.

Accidental release measures

Personal precautions

Attention. Hazard of skidding.

Keep away from sources of ignition - No smoking.

Ensure adequate ventilation.

Environmental precautions

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

Do not discharge into the subsoil/soil.

Methods for cleaning up/taking up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder).

Shovel into suitable container for disposal.

Additional information

Observe protective instructions (see Sections 7 and 8).

Information for disposal look up chapter 13.

Handling and storage

Handling

Advice on safe handling

Ensure adequate ventilation.

Avoid contact with skin, eyes and clothing.

Advice on protection against fire and explosion

Keep away from heat and sources of ignition.

Storage

Requirements for storage rooms and vessels

Keep containers tightly closed in a cool, well-ventilated place.

Avoid temperatures above 40°C.

Advice on storage compatibility

Incompatible with oxidizing agents.

Further information on storage conditions

Keep away from food, drink and animal feeding stuffs.

Specific use(s)/replacement product(s)

Preservative agent

Exposure controls/personal protection

Exposure limit values

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Occupational exposure controls

Ensure adequate ventilation, especially in confined areas.

Protective and hygiene measures

Avoid contact with eyes and skin.

Keep away from food, drink and animal feeding stuffs.

Wash hands before breaks and immediately after handling the product.

Take off immediately all contaminated clothing.

Respiratory protection

In case of vapour formation use respirator.

Hand protection

Protective gloves resistant to chemicals made of nitrile, Minimum coat thickness 0.4 mm, Permeation resistance (wear duration) approx. 480 minutes, i.e. protective glove <Camatril Velours 730> made by www.kcl.de.

This recommendation refers exclusively to the chemical compatibility and the lab test conforming to EN 374 carried out under lab conditions.

Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

Eye protection

Safety goggles with side protection

Skin protection

Long sleeved clothing.

Physical and chemical properties

General information

Physical state: Liquid
Colour:
Odour: Hydrocarbon-like

Important health, safety and environmental information

	Test method
Changes in the physical state	
Boiling point:	> 340 °C
Stock pint:	- 12 °C DIN/ISO 3016
Flash point:	180 °C ISO 2592
Lower explosion limits:	n.d.
Upper explosion limits:	
Vapour pressure: (at 20 °C)	0,1 hPa
Density (at 15 °C):	0,87 - 0,89 g/cm ³ DIN 51757
Water solubility: (at 20 °C)	Negligible
Viscosity / kinematic: (at 40 °C)	46 - 51 mm ² /s DIN 51562

Other information

Ignition temperature: n.d.

Stability and reactivity

Conditions to avoid

Keep away from heat and sources of ignition.

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Materials to avoid

Strong oxidizing agents.

Hazardous decomposition products

Carbon monoxide, carbon dioxide, sulphur oxides, and nitrogen oxides (NOx).

Toxicological information

Acute toxicity

LD50/oral/rat: > 5000 mg/kg

LD50/dermal/rabbit: > 2000 mg/kg

Irritation and corrosivity

Skin irritation: Not classified.

Eye irritation: Not classified.

Sensitizing effects

Not classified.

Severe effects after repeated or prolonged exposure

STOT - Single exposure: Not classified.

STOT - Repeated exposure: Not classified.

Aspiration hazard: Not classified.

Carcinogenic/mutagenic/toxic effects for reproduction

Carcinogenicity: Not classified.

Mutagenicity: Not classified.

Teratogenicity: Not classified.

Empirical data on effects on humans

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

Prolonged skin contact may cause irritation.

Ecological information

Ecotoxicity

Ecological data are not available.

Mobility

No data available.

Persistence and degradability

Not readily biodegradable.

Bioaccumulative potential

No data available.

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.

Disposal considerations

Advice on disposal

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.

Transport information

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Canadian TDG

Proper shipping name

Not regulated.

Marine transport (IMDG)

Other applicable information (marine transport)

Not regulated.

Air transport (ICAO)

Other applicable information (air transport)

Not regulated.

Other applicable information

Non hazardous material as defined by the transport regulations.

Regulatory information

Canadian regulations

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

DSL/NDSL inventory status

All of the components are listed on the DSL Inventory.

WHMIS classification

WHMIS: Not defined under this regulation

Other information

Further Information

Data of sections 4 to 8, as well as 10 to 12, do not necessarily refer to the use and the regular handling of the product (in this sense consult package leaflet and expert information), but to release 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 hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)