

Product name:	SILICONE OIL	Page:	1/8
Revision Date:	2015-01-07	Print date:	2015-01-07
Document No.:	M0143	SDS-ID:	AU-EN/11.0

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product identifier

Product name: SILICONE OIL
Cat. No. 40300076

Container size: 100 ml

Relevant identified uses of the substance or mixture and uses advised against

Application: Lubricant.

Details of the supplier of the safety data sheet

Supplier: Struers Australia
27 Mayneview Street
Milton QLD 4064, Australia

Responsible for safety data sheet authoring: Responsible for safety data sheet authoring: DHI
Any questions to the contents of this safety data sheet should be sent to:
Chemical.info@struers.dk

Emergency telephone number

Emergency telephone: +61 7 3512 9600
(Only during office hours)

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

The product is not classified.

67/548/EEC / 1999/45/EC: -

GHS: -

Label elements

The substance/mixture does not meet the criteria for classification in accordance with the hazard criteria of the National Model Regulation for the control of workplace hazard substances and the MSDS contains all the information required by the National Model Regulation for the control of workplace hazard substances. (*)

Other hazards

May irritate eyes. Prolonged contact may cause redness, irritation and dry skin. Oil spills are generally hazardous to the environment. (*)

PBT/vPvB: Not relevant.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

The product contains: mineral oil and polydimethyl siloxanes.

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67/548/EEC:

<u>%:</u>	<u>CAS-No.:</u>	<u>EC No.:</u>	<u>REACH Reg. No:</u>	<u>Chemical name:</u>	<u>Hazard classification:</u>	<u>Notes:</u>
60-100	8042-47-5	232-455-8	-	Paraffin oil	-	L
5-10	63148-62-9	-	-	Polydimethyl siloxane	-	

Notes: L: DMSO-content < 3%
Kinematic viscosity at 40°C: >7 mm²/s

GHS:

<u>%:</u>	<u>CAS-No.:</u>	<u>EC No.:</u>	<u>REACH Reg. No:</u>	<u>Chemical name:</u>	<u>Hazard classification:</u>	<u>Notes:</u>
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Notes: L: DMSO-content < 3%
Kinematic viscosity at 40°C: >7 mm²/s

SECTION 4: FIRST AID MEASURES

Description of first aid measures

Inhalation: Move into fresh air and keep at rest.

Skin contact: Remove contaminated clothing immediately and wash skin with soap and water. In case of rashes, wounds or other skin disorders: Seek medical attention and bring along these instructions.

Eye contact: Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Continue flushing during transport to hospital. Bring along these instructions.

Ingestion: Immediately rinse mouth and drink plenty of water. Keep person under observation. If person becomes uncomfortable seek hospital and bring these instructions. Do not induce vomiting.

Most important symptoms and effects, both acute and delayed

Symptoms/effects: See section 11 for more detailed information on health effects and symptoms.

Indication of any immediate medical attention and special treatment needed

Medical attention/treatments: Not known.

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SECTION 5: FIREFIGHTING MEASURES

Extinguishing media

Extinguishing media: Water spray, dry powder or carbon dioxide. Do not use water jet as an extinguisher, as this will spread the fire.

Special hazards arising from the substance or mixture

Specific hazards: During fire, gases hazardous to health may be formed.

Advice for firefighters

Protective equipment for fire-fighters: Use air-supplied respirator, gloves and protective goggles.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions: Avoid inhalation of vapours and contact with skin and eyes.

Environmental precautions

Environmental precautions: Avoid release to the environment.

Methods and material for containment and cleaning up

Spill Cleanup Methods: Absorb spillage with non-combustible, absorbent material.

Reference to other sections

References: For personal protection, see section 8. For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Safe handling advice: Observe good chemical hygiene practices.

Technical measures: Avoid smoking and use of open fire.

Technical precautions: Mechanical ventilation may be required.

Conditions for safe storage, including any incompatibilities

Technical measures for safe storage: No special precautions.

Storage conditions: Store frostfree in closed original container.

Specific end use(s)

Specific use(s): Not relevant.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Occupational exposure limits:

<u>CAS-No.:</u>	<u>Chemical name:</u>	<u>As:</u>	<u>Exposure limits:</u>	<u>Type:</u>	<u>Notes:</u>	<u>References:</u>
-	Oil mist, refined mineral	-	5 mg/m ³	TWA	-	NOHSC

Exposure controls

Engineering measures: Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of vapours.

Personal protection: Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

Respiratory equipment: In case of inadequate ventilation or risk of inhalation of vapours, use suitable respiratory equipment with gas filter (type A2).

Hand protection: Risk of contact: Wear protective gloves. Polyethylene gloves are recommended. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

Eye protection: Risk of contact: Wear goggles/face shield.

Skin protection: No special precautions.

Environmental Exposure Controls: Not available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance: Colourless liquid.

Odour: Petroleum.

pH: Not available.

Boiling point: 270-380°C

Flash point: >100°C

Explosion limits: 0,6-7,0 vol%

Vapour pressure: Not available.

Relative density: 0,82-0,84

Solubility: insoluble in water

Viscosity: Kinematic viscosity: 7,8 cSt (40°C)

Other information

Other data: Volatile Organic Compound (VOC): 708 g/l (calculated)

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SECTION 10: STABILITY AND REACTIVITY

Reactivity

Reactivity: None known.

Chemical stability

Stability: Stable under normal temperature conditions.

Possibility of hazardous reactions

Hazardous Reactions: None known.

Conditions to avoid

Conditions/materials to avoid: None specific.

Incompatible materials

Incompatible materials: None known.

Hazardous decomposition products

Hazardous decomposition products: None under normal conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects

Inhalation: In high concentrations, vapours are narcotic and may cause headache, fatigue, dizziness and nausea.

Skin contact: Prolonged contact may cause redness, irritation and dry skin.

Eye contact: May irritate and cause redness and pain.

Ingestion: May irritate and cause malaise.

Specific effects: None known.

Carcinogenicity:
National Toxicology Program (NTP): No.
I.A.R.C. Monographs: No.

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SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Ecotoxicity: Oil spills are generally hazardous to the environment.
LC50 (Fish: Lepomis macrochirus): > 10g/l

Persistence and degradability

Degradability: The product is moderately biodegradable.
(53% 28 days)

Bioaccumulative potential

Bioaccumulative potential: No data available on bioaccumulation.

Mobility in soil

Mobility: No data available.

Results of PBT and vPvB assessment

PBT/vPvB: Not relevant.

Other adverse effects

Other adverse effects: None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements. Waste is classified as hazardous waste.

Waste from residues: EWC-code: 16 05 08

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SECTION 14: TRANSPORT INFORMATION

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADG).

UN number

UN-No: -

UN proper shipping name

Proper Shipping Name: -

Transport hazard class(es)

Class: -

Packing group

PG: -

Environmental hazards

Marine pollutant: -

Environmentally Hazardous substance: -

Special precautions for user

Special precautions: None known.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Transport in bulk: Not relevant.

SECTION 15: REGULATORY INFORMATION

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

Special provisions: AICS: Listed.

National regulation: Work Health and Safety Regulations 2011
National model Code of Practice for the Labelling of Workplace Hazardous Chemicals (2011)
National model Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals (2011).
National Exposure Standard [NOHSC:1003(1995)].
National Standard: Approved criteria for classifying hazardous substances [NOHSC:1008(2004)]. 3rd Edition.
The Industrial Chemicals (Notification and Assessment) Act 1989 (Commonwealth), including listing on the Australian Inventory of Chemical Substances (AICS).
Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments.

Chemical Safety Assessment

CSA status: Not relevant.

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SECTION 16: OTHER INFORMATION

The user must be instructed in the proper work procedure and be familiar with the contents of these instructions.

The following sections contain revisions or new statements: 2.

The (*) indicates the changes made with respect to the previous version.

Approved by DHI.

Allan Vorup

Additional information: Classification according to Regulation (EC) No. 1272/2008:
Calculation method.

The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.

Made by DHI - Environment and Toxicology, Agern Allé 5, DK-2970 Hørsholm, Denmark.
www.dhigroup.com.
