Safety Data Sheet SILICONE FLUID

SDS no. 4T9CVNRP • Version 1.1 • Date of issue: 2024-03-06

SECTION 1: Identification

GHS Product identifier

Product name	SILICONE FLUID

Other means of identification

DIMETHICONE	
SF350 Silicone Fluid	CF350FG
SF350 SILICONE FLUID 350 cSt 100%	SP350
Dimethicone offset to DC 200fl 350cSt	
FC 500 SILICONE FLUID 500 CST	ST601
Silicone 200 Fluid LR 350 cSt	RL012

Recommended use of the chemical and restrictions on use

Designed as a formulation for polishes, autocare products and as a lubrication aid and mould release.

Supplier's details

Name	ChemSupply Australia Pty Ltd
Address	38-50 Bedford Street 5013 Gillman South Australia Australia
Telephone	08 8440 2000
email	www.chemsupply.com.au

Emergency phone number

CHEMCALL 1800 127 406 (Australia) / +64-4-917-9888 (International)

SECTION 2: Hazard identification

General hazard statement

Not classified as dangerous goods according to the Australian Dangerous Goods Code (ADG).

Classified as non-Hazardous according to the Globally Harmonised System of classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

Classification of the substance or mixture

GHS classification in accordance with: UN GHS revision 7

Not a hazardous substance or mixture.

GHS label elements, including precautionary statements

Not a hazardous substance or mixture.

Other hazards which do not result in classification

Not a hazardous substance or mixture.

SECTION 3: Composition/information on ingredients

Mixtures

Components

Component	CAS no.	Concentration
Dimethicone		100 % (weight)

SECTION 4: First-aid measures

Description of necessary first-aid measures

General advice	First Aid Facilities: Maintain eyewash fountain in work area.
If inhaled	Remove victim to fresh air. Recovery should be rapid after removal from exposure.
In case of skin contact	Remove contaminated clothing and wash affected skin with soap and water.
In case of eye contact	Wash with large amounts of water (luke warm if possible) for at least 15 minutes. Ask victim to look up and down and sidewasys to wash properly. Do not use an eye ointment. Do not allow victim to rub or keep eyes closed. Seek medical advice if effects persist.
If swallowed	Remove victim to fresh air. If breathing but unconscious, place in the recovery position. If breathing has stopped, apply artificial respiration. Rinse mouth thoroughly with water immediately. Seek immediate medical assistance.

Most important symptoms/effects, acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

Indication of immediate medical attention and special treatment needed, if necessary
For advice, contact the National Poisons Information Centre (Phone Australia 13 11 26; New Zealand 0800 764 766) or a doctor.

SECTION 5: Fire-fighting measures

Suitable extinguishing media
Small fire: Use dry chemical, CO2, water spray or foam.
large fire: Use water spray, fog or foam.
If safe to do so, move undamaged containers from the fire area. Cool containers with flooding quantities of water until well after the fire is out.

Specific hazards arising from the chemical
Hazards from Combustion Products: Toxic gases (carbon monoxide, formaldehyde) may be produced.

Containers may explode when heated. Runoff may pollute waterways.

Special protective actions for fire-fighters
Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) operated in positive pressure mode. Fight fire from safe location.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures
Will be slippery under foot.
Wear protective clothing specified for normal operations (see Section 8)

Methods and materials for containment and cleaning up
Small Spillages: Mop up with absorbent material such as rags, sand or vermiculite.
Large Spillages: Pump into separate containers. Avoid washing into drains.

Follow all regulatory requirements for non-hazardous waste disposal.

SECTION 7: Handling and storage

Precautions for safe handling
Vinyl, latex or rubber gloves are suitable.
Goggles that give full eye protection from splashing are recommended. Plastic or glass are both suitable.
Cover as much skin as possible with loose fitting work clothes such as overalls.
Waterproof shoes or boots that will run splashes away from the foot are best.

Conditions for safe storage, including any incompatibilities
Plastic containers will degrade over long periods in direct sunlight. Steel containers will rust if left out in the weather. A risk of water seepage into the drums exists if water is allowed to collect in the top of the drums.
Keep container tightly closed and in a cool, well-ventilated place. Store below 30°C.

Storage Temperatures: Store at below 30°C.

SECTION 8: Exposure controls/personal protection

Appropriate engineering controls
Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, gas, etc.) below recommended exposure limits.

Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection
The use of a face shield, chemical goggles or safety glasses with side shield protection as appropriate. Must comply with Australian Standards AS 1337 and be selected and used in accordance with AS 1336.

Skin protection
Clean impervious clothing should be worn. Clothing for protection against
chemicals should comply with AS 3765 Clothing for Protection Against Hazardous
Chemicals.

Hand Protection: Ensure hand protection complies with AS 2161, Occupational protective gloves - Selection, use and maintenance.

Body protection
Footwear: Safety boots in industrial situations is advisory, foot protection should comply with AS 2210, Occupational protective footwear - Guide to selection, care and use.

Body Protection: Clean clothing or protective clothing should be worn, preferably with and apron. Clothing for protection against chemicals should comply with AS 3765 Clothing for Protection Against Hazardous Chemicals.

Respiratory protection
If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable vapor/ mist filter should be used. Refer to relevant regulations for further information concerning respiratory protective requirements. Reference should be made to Australian Standards AS/ NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

SECTION 9: Physical and chemical properties

Basic physical and chemical properties

Physical state	Liquid
Appearance	A clear, colourless, free flowing liquid.
Color	No data available.
Odor	None.
Odor threshold	No data available.
Melting point/freezing point	No data available.
Boiling point or initial boiling point and boiling range	No data available.
Flammability	No data available.
Lower and upper explosion limit/flammability limit	Flammable Limits - Lower: Not applicable Flammable Limits - Upper: Not applicable.
Flash point	Non-flammable
Explosive properties	No data available.
Auto-ignition temperature	Not applicable
Decomposition temperature	No data available.
Oxidizing properties	None known
pH	No data available.
Kinematic viscosity	Viscosity: Viscosity (cP @ 25°C): 350 cS
Solubility	Solubility in Water: Not miscible in water.
Partition coefficient n-octanol/water (log value)	No data available.
Vapor pressure	Unknown.
Evaporation rate	No data available.
Density and/or relative density	Specific Gravity: 0.97
Relative vapor density	No data available.
Particle characteristics	No data available.

Supplemental information regarding physical hazard classes
No data available.

Further safety characteristics (supplemental)
Other Information: Shock sensitivity: none
Refractive Index at 25°C 1.4035

SECTION 10: Stability and reactivity

Reactivity
Stable under normal conditions of storage and handling.

Chemical stability
Stable under recommended storage conditions.

Possibility of hazardous reactions
Hazardous Polymerization: Will not occur.

Conditions to avoid
Avoid storing in direct sunlight and avoid extremes of temperature.

Incompatible materials
None known.

Hazardous decomposition products
Carbon monoxide, formaldehyde

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity
Ingestion: May cause gastrointestinal irritations such as gastric distress.

Inhalation: None known.

Skin corrosion/irritation
May cause mild skin irritations.

Serious eye damage/irritation
May cause eye irritation.

Respiratory or skin sensitization
No data available.

Germ cell mutagenicity
No data available.

Carcinogenicity
No data available.

Reproductive toxicity
No data available.

Summary of evaluation of the CMR properties
No data available.

Specific target organ toxicity (STOT) - single exposure
No data available.

Specific target organ toxicity (STOT) - repeated exposure
No data available.

Aspiration hazard
No data available.

SECTION 12: Ecological information

Toxicity
No adverse effects on aquatic organisms.

Persistence and degradability

Removed > 90% by binding onto sewage sludge.

Bioaccumulative potential
No bioaccumulation potential.

Mobility in soil
Not known.

Other adverse effects
Siloxanes are removed from water by sedimentation or binding to sewage sludge. In soil, siloxanes are degraded.

SECTION 13: Disposal considerations

Disposal methods

Product disposal
Waste material must be disposed of in accordance with the national and local regulations. Leave chemicals in original containers.

Sewage disposal
No bioaccumulation potential.

Other disposal recommendations
Do not discharge this material into waterways, drains and sewers.

SECTION 14: Transport information

ADG (Road and Rail)
Not dangerous goods

IMDG
Not dangerous goods

IATA
Not dangerous goods

SECTION 15: Regulatory information

SECTION 16: Other information

20/5/25 - Added Silicone 200 Fluid LR 350 cSt - RL012 to codes.

Further information/disclaimer
ChemSupply Australia Pty Ltd does not warrant that this product is suitable for any use or purpose. The user must ascertain the suitability of the product before use or application intended purpose. Preliminary testing of the product before use or application is recommended. Any reliance or purported reliance upon ChemSupply Australia Pty Ltd with respect to any skill or judgement or advice in relation to the suitability of this product of any purpose is disclaimed. Except to the extent prohibited at law, any condition implied by any statute as to the merchantable quality of this product or fitness for any purpose is hereby excluded. This product is not sold by description. Where the provisions of Part V, Division 2 of the Trade Practices Act apply, the liability of ChemSupply Australia Pty Ltd is limited to the replacement of supply of equivalent goods or payment of the cost of replacing the goods or acquiring equivalent goods.

Preparation information
All information provided in this data sheet or by our technical representatives is compiled from the best knowledge available to us. However,since data, safety standards and government regulations are subject to change and the conditions of handling and use, or misuse, are beyond our control, we make no warranty either expressed or implied, with respect to the completeness or accuracy to the

information contained herein. ChemSupply Australia Pty Ltd accepts no responsibility whatsoever for its accuracy or for any results that may be obtained by customers from using the data and disclaims all liability for reliance on information provided in this data sheet or by our technical representatives.

Standard for the Uniform Scheduling of Medicines and Poisons, Commonwealth of Australia
National Road Transport Commission, 'Australian Code for the Transport of Dangerous Goods by Road and Rail 7th. Ed.'
Safe Work Australia, 'National Code of Practice fot the Preparation of Safety Data Sheets for Hazardous Chemicals', July 2020.
Safe Work Australia, 'National Guide for Classifying Hazardous Chemicals', July 2020.
Safe Work Australia, Workplace Exposure Standards for Airbourne Contaminants, December 2019
Safe Work Australia, Hazardous Chemical Information System (HCIS), hcis.safeworkaustralia.gov.au
IATA, Dangerous Goods Regulations (DGR)
IMO, International Maritime Dangerous Goods Code (IMDG)