



SAFETY DATA SHEET

According to EC Regulations 1907/2006 & 1272/2008

NTL SDS 095 - 1.2

December 2022

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FS SILL TECH OIL 350cst

SECTION 1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY / UNDERTAKING

- 1.1 Product Name:** FS Sill Tech Oil
1.2 Identified uses: Lubricant, General machinery, Indirect food contact.
1.3 Details of supplier of SDS: New Tech Lubes Ltd, Unit 3 Harrison Drive Ind Est, Worksop Notts, S81 9RL
E Mail (competent person): info@newtechlubes.com
1.4 Emergency Telephone: +44 (0)1909 730900 (09.00 -17.00 GMT Monday to Friday)

SECTION 2. HAZARDS IDENTIFICATION

- 2.1 Classification of the substance/mixture:**
2.1.1 GB CLP Regulation, UK SI 2019/720 and UK SI 2020/1567: Not classified as dangerous for supply/use
- 2.2 Label elements:**
Signal word(s): N/A
Hazard statement(s): N/A
Precautionary statement(s): N/A
- 2.3 Other hazards:** The mixture does not contain any vPvB or PBT substances.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances:

Hazardous Ingredient(s)	CAS No.	EC No./Registration number(s)	%WW	Hazard Statement(s)	Hazard Pictogram(s)
Polydimethylsiloxane	63148-62-9	613-156-5	>90	Not classified	None

- 3.2 Mixture:** Blend of oils with multifunctional additives
3.3 Additional information: N/A

SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures:

- Inhalation:** If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
- Skin contact:** Wash skin with water.
- Eye contact:** Flush eyes with water for at least 15 minutes.
- Ingestion:** Wash out mouth with water.

- 4.2 Most important symptoms and effects, both acute and delayed:** None anticipated. Treat symptomatically.
- 4.3 Indication of any immediate medical attention and special treatment needed:** Unlikely to be required but, if necessary, treat symptomatically.

SECTION 5. FIRE FIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media: Use water Spray to cool containers. Use foam, dry chemical, carbon dioxide or suitable extinguishing media.

Unsuitable extinguishing media: Water stream

5.2 Special hazards arising from the substance or mixture: This product may give rise to hazardous fumes in a fire.

5.3 Advice for firefighters: Wear protective clothing including self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures: Provide adequate ventilation. Wear suitable protective equipment as in Sect 8. Wash hands and exposed skin after use.

6.2 Environmental precautions: Prevent from entering drainage systems or water courses.

6.3 Methods and material for containment and clearing: Absorb spillages onto sand, earth or suitable absorbent material. Transfer into suitable containers for recovery or disposal. Scrub area with detergent and water to prevent slippery residues.

6.4 Reference to other sections: For PPE and disposal see sections 8 and 13 respectively.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling: General hygiene measures for the handling of chemicals are applicable. Wear appropriate personal protective equipment, avoid direct contact. Wash hands and exposed skin after use. Do not eat, drink or smoke at the work place.

7.2 Conditions for safe storage, including any incompatibilities: Store in a cool, dry, ventilated area. Stable under normal conditions. Avoid contact with strong acids and strong alkalis.

7.3 Specific end use(s): For general lubrication for equipment and machinery

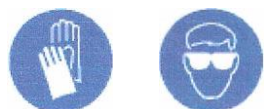
SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters: No Occupational Exposure Limit assigned.

8.2 Exposure controls:

8.2.1 Appropriate engineering controls: Ensure adequate ventilation.

8.2.2 Personal protective equipment:



Eye/face protection: Safety goggles/glasses for protection against liquid splashes.

Skin protection: PVC gloves if prolonged skin contact is likely. Breakthrough time of the glove material: refer to the information provided by the gloves manufacturer.

Respiratory protection: Not required under normal circumstances.

Thermal hazards: Not applicable

8.2.3 Environmental exposure controls: See sects 6,12, 13. Do not release large quantities into the surface water or into drains.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Appearance:	Viscous liquid
Colour:	Colourless
Odour:	Odourless
Odour threshold:	Not known
pH:	Not known
Melting point/freezing point:	Not known
Initial boiling point and boiling range:	>65°C
Flash Point:	300°C [Open cup]
Evaporation rate:	Not known
Flammability (solid, gas):	Not applicable

Upper/lower flammability or explosive limits:	Not known
Vapour pressure:	<7hPa @ 25°C
Vapour density:	Not known
Density (g/ml):	Not known
Relative density:	0.971g/ml @ 25°C
Solubility(ies):	Solubility (Water): Slightly soluble Solubility (Other): Not known.
Partition coefficient: n-octanol/water	>400°C
Auto-ignition temperature:	Not known
Decomposition Temperature (°C):	Not known
Viscosity:	10000cSt
Explosive properties:	Not explosive
Oxidising properties:	Not oxidising

9.2 Other information: Pour point (°C) -47

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity: No dangerous reactions known under normal conditions of use.

10.2 Chemical Stability: Stable under proper storage and handling conditions.

10.3 Possibility of chemical reactions: No dangerous reactions known if used for its intended purpose.

10.4 Conditions to avoid: Heat, flame and other ignition sources.

10.5 Incompatible materials: Avoid contact with strong oxidising agents

10.6 Hazardous decomposition products: Combustion will generate: smoke, carbon dioxide and carbon monoxide

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

Acute toxicity - Ingestion:	Low oral toxicity.
Acute toxicity - Skin Contact:	Low acute toxicity.
Acute toxicity - Inhalation:	Low acute toxicity.
Skin corrosion/irritation:	Not classified.
Serious eye: damage/irritation:	Not classified.
Skin sensitization data:	It is not a skin sensitizer.
Respiratory sensitization data:	Not classified.
Germ cell mutagenicity:	There is no evidence of mutagenic potential.
Carcinogenicity:	No evidence of carcinogenicity.
Reproductive toxicity:	No evidence of reproductive effects.
Lactation:	Not classified.
STOT - single exposure:	None anticipated.
STOT - repeated exposure:	None anticipated.
Aspiration hazard:	Not classified.

11.2 Other information: Not known.

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity:

Toxicity - Aquatic invertebrates:	Low toxicity to invertebrates.
Toxicity - Fish:	Low toxicity to fish.
Toxicity - Algae:	Low toxicity to algae.
Toxicity - Sediment Compartment:	Not classified.
Toxicity - Terrestrial Compartment:	Not classified.

12.2 Persistence and degradability: Only slightly biodegradable.

12.3 Bio-accumulative potential: Product is not expected to bio-accumulate.

12.4 Mobility in soil: Slightly soluble in: Water. The substance is predicted to have moderate mobility in soil.

12.5 Results of PBT and vPvB assessment: Not classified as PBT or vPvB.

12.6 **Other adverse effects:** Not known.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods: Dispose of empty containers and wastes safely. Offer surplus and non-recyclable solutions to a licensed disposal company.

13.2 Additional information: Disposal should be in accordance with local, state or national legislation.

SECTION 14. TRANSPORT INFORMATION

Not classified as hazardous for transport.

14.1 UN Number: Not Classified

14.2 UN proper shipping name: Not Classified

14.3 Transport hazard class: Non Classified

ADR Classification code: Non Classified

14.4 Packing group: None

14.5 Environmental hazards: Not applicable

SECTION 15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture: N/A

15.2 Chemical Safety Assessment: A REACH chemical safety assessment has not been carried out.

SECTION 16. OTHER INFORMATION

Legend

Hazard Pictogram(s): None

Precautionary Statement(s): None

CAS: Chemical Abstracts Service

DNEL: Derived no effect level

EC: European Community

EINECS: European Inventory of Existing Commercial Chemical Substances

LTEL: Long term exposure limit

PBT: Persistent, bio-accumulative and toxic

REACH: Registration, evaluation, authorisation and restriction of chemicals

STEL (SE): Short term exposure limit (Single exposure)

STOT: Specific target organ toxicity

PNEC: Predicted no effect concentration

vPvB: very Persistent and very Bio-accumulative

Classification methods used to derive classification of mixture: Classification according to calculation procedure detailed in EC1272/2008

Additional information

This safety data sheet has been produced based on information supplied by the manufacturers of the materials therein and is believed to be accurate. No warranty is expressed or implied by this information. It is for the user to satisfy themselves of the suitability of the product for their own purposes.