

New Tech Lubes Limited

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH)
with its amendment Regulation (EU) 2015/830

NTL SDS 096-1.4

January 2025



Unit 3 & 4
Harrison Drive Ind Est
Worksop, Nottinghamshire
UK, S81 9RL

t. 01909 730900
f. 01909 730909
e. info@newtechlubes.com
w. www.newtechlubes.com

[@newtechlubes.com](https://twitter.com/newtechlubes)

FS ANTI SEIZE

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

- 1.1 Product name:** FS Anti Seize
1.2 Identified use(s): Lubricant, General machinery, Indirect food contact.
Use(s) advised against: None known.
1.3 Details of supplier of SDS: New Tech Lubes Ltd, Unit 2-4 Harrison Drive Ind Est, Worksop
Notts, S81 9RL
E Mail (competent person): info@newtechlubes.com
1.4 Emergency telephone: +44 (0)1909 730900 (08.00 -16.00 GMT Monday to Friday)

SECTION 2. HAZARDS IDENTIFICATION

- 2.1 Classification of the substance/mixture:** This product has no classification under CLP.
2.2 Label elements: This product has no label elements.
2.3 Other hazards: The product is not identified as a PBT/vPvB substance.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

- 3.1 Substances:** Not applicable

3.2 Mixture:

Hazardous ingredients:

Name	Identifiers	%	Classification according to Regulation (EC) No. 1272/2008
White Mineral Base Oil	CAS No: 8042-47-5 EINECS No: 232455-8 REACH No: 01-2119487078-27	39-70%	Asp. Tox. 1: H304

SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures:

Skin contact: Wash immediately with plenty of soap and water.
Eye contact: Bathe the eye with running water for 15 minutes.
Ingestion: Wash out mouth with water.
Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

4.2 Most important symptoms and effects, both acute and delayed:

Skin contact: There may be mild irritation at the site of contact.
Eye contact: There may be irritation and redness.
Ingestion: There may be soreness and redness of the mouth and throat.
Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Drowsiness or mental confusion may occur.
Delayed/immediate effects: Immediate effects can be expected after short-term exposure.

4.3 Indication of any immediate medical attention and special treatment needed: Not applicable.

SECTION 5. FIRE FIGHTING MEASURES

- 5.1 Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used.
- 5.2 Special hazards arising from the substance or mixture:** In combustion emits toxic fumes.
- 5.3 Advice for firefighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures:** Refer to section 8 for personal protection details. If outside do not approach from downwind. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not create dust. If outside keep bystanders upwind and away from danger point.
- 6.2 Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.
- 6.3 Methods and material for containment and clearing:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.
- 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:** Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of dust in the air. Avoid direct contact with the substance.
- 7.2 Conditions for safe storage, including any incompatibilities:** Store in a cool, dry, well-ventilated area. Keep container tightly closed.
- 7.3 Specific end use(s):** The identified uses for this product are detailed in Section 1.2.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** No data available.
- 8.2 Exposure controls:**
Engineering measure: Ensure there is sufficient ventilation of the area.
Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.
Respiratory protective device with particle filter.
Hand protection: Protective gloves.
Eye protection: Safety glasses. Ensure eye bath is to hand.
Skin protection: Protective clothing.
Environmental: No special requirement. See sections 6, 12 and 13.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 Information on basic physical and chemical properties:**
Appearance/physical state: Viscous grease
Colour: White
Odour: Odourless
Odour threshold: No additional information available
pH: No additional information available
Melting/freezing point: >150°C
IBP/boiling range: No additional information available
Flash point: >200°C
Evaporation rate: No additional information available
Flammability (gas): No additional information available
Upper/lower explosive limits: No additional information available
Vapour pressure: No additional information available
Vapour density: No additional information available
Relative density: 1.10
Solubility: Insoluble
Partition coefficient (n-octanol/water): No additional information available
Auto-ignition temperature: >200°C
Decomposition temperature: No additional information available
Viscosity: No additional information available
Explosive properties: No additional information available

Oxidising properties: No additional information available

SECTION 10. STABILITY AND REACTIVITY

- 10.1 Reactivity:** Stable under recommended transport or storage conditions.
- 10.2 Chemical stability:** Stable under proper storage and handling conditions.
- 10.3 Possibility of hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.
- 10.4 Conditions to avoid:** Heat.
- 10.5 Incompatible materials:** Avoid contact with strong oxidising agents, and strong acids.
- 10.6 Hazardous decomposition products:** In combustion emits toxic fumes.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

White Mineral Base Oil

Dermal	RBT	LD50	>2000	mg/kg
Dust/mist	RAT	4H LC50	>5	mg/l
Oral	RAT	LD50	>5000	mg/kg

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Drowsiness or mental confusion may occur.

Delayed/immediate effects: Immediate effects can be expected after short-term exposure.

Other information: Not applicable.

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity:

White mineral base oil

Daphnia magna	48H EC50	>100	mg/l
Fish	96H LC50	>1000	mg/l
Green alga (Selenastrum capricornutum)	72H ErC50	>100	mg/l

Calcium Carbonate

Daphnia magna	48H EC50	>1000	mg/l
Green alga (Selenastrum capricornutum)	72H ErC50	289	mg/l
Rainbow Trout (Oncorhynchus mykiss)	96H LC50	>10000	mg/l

Poly Isobutylene

Daphnia magna	48H EC50	>1000	mg/l
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Dicalcium Phosphate Anhydrous

Algae	72H ErC50	>100	mg/l
Daphnia magna	48H EC50	>100	mg/l
Rainbow Trout (Oncorhynchus mykiss)	96H LC50	>1000	mg/l

O, O, O-Triphenyl Phosphorothioate

Daphnia magna	48H EC50	>100	mg/l
Zebrafish (Brachydanio rerio)	96H LC50	>100	mg/l

- 12.2 Persistence and degradability:** Biodegradable.
- 12.3 Bio-accumulative potential:** No bio-accumulation potential.
- 12.4 Mobility in soil:** Readily absorbed into soil.
- 12.5 Results of PBT and vPvB assessment:** The product is not identified as a PBT/vPvB substance.
- 12.6 Other adverse effects:** Negligible ecotoxicity.

SECTION 13. DISPOSAL CONSIDERATIONS

- 13.1 Waste treatment methods:** Transfer to suitable container and arrange for collection by specialised disposal company. Dispose of packaging as normal industrial waste. The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14. TRANSPORT INFORMATION

- 14.1 **UN number:** Not applicable
- 14.2 **UN proper shipping name:** Not applicable
- 14.3 **Transport hazard class:** Not applicable
- 14.4 **Packing group:** Not applicable
- 14.5 **Environmental hazards:** Not applicable
- 14.6 **Special precautions for user:** Not applicable
- 14.7 **Maritime transport in bulk according to IMO instruments:** Not applicable

SECTION 15. REGULATORY INFORMATION

- 15.1 **Safety, health and environmental regulations/legislation specific for the mixture:** Not applicable
- 15.2 **Chemical safety assessment:** A chemical safety assessment has not been carried out for this mixture.

SECTION 16. OTHER INFORMATION

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

Contains only FDA listed ingredients. NSF H1 registered

Hazard statements in full:

H304: May be fatal if swallowed and enters airways.

Legend:

LTEL: Long term exposure limit

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

STOT: Specific target organ toxicity

PNEC: Predicted no effect concentration

DNEL: Derived no effect level

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.