



SAFETY DATA SHEET
According to EC Regulations 1907/2006 & 1272/2008
NTL SDS 105-1.0
August 2016

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FS SILL TECH GREASE

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

- | | |
|--|--|
| 1.1 Product Name: | FS Sill Tech Grease |
| 1.2 Identified uses: | Lubricant, General machinery, Indirect food contact. |
| Use's advised against | None known. |
| 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 Regulation EC 1272/2008:

Acute Tox. 4 (Oral)	H302
Acute Tox. 4 (Inhalation:dust,mist)	H332
Full text of H-phrases: see section 16	

2.2 Label elements:



Signal word(s): Warning

Hazard statements: H302+H332 - Harmful if swallowed or if inhaled
Precautionary statements: P261 - Avoid breathing fume, vapours, mist
P264 - Wash hands, forearms and face thoroughly after handling
P270 - Do not eat, drink or smoke when using this product
P271 - Use only outdoors or in a well-ventilated area
P301+P312 - IF SWALLOWED: Call a POISON CENTER, a doctor if you feel unwell
P501 - Dispose of contents/container to a hazardous or special waste collection point
EUH phrases : EUH210 - Safety data sheet available on request

2.3 Other hazards

The mixture does not contain any vPvB or PBT substances.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Mixture:

NAME	Product Identifier	%	Classification
Barium salts with the exception of barium sulphate		10 - 25	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332
Mixture of amine phosphates		0.1 - 1	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Chronic 2, H411

3.2 Additional information

N/A

SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures:

- Eyes: Remove contact lenses. Rinse with water immediately for at least 10 minutes. Obtain medical attention if any discomfort continues.
- Skin: Wash skin with soap and water. If grease has been injected under the skin, seek Medical advice immediately
- Ingestion: If swallowed, drink plenty of water. Do not induce vomiting. Obtain immediate medical attention.

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

N/A

4.3 Indication of any immediate medical attention and special treatment needed.

N/A

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 fire fighters

Wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES:

6.1 Personal precautions, protective equipment and emergency procedures

Wear suitable protective equipment as in Sect 8.

6.2 Environmental precautions.

Prevent from entering drainage systems or water courses.

6.3 Methods and material for containment and clearing

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

Avoid direct contact.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry, ventilated area.

7.3 Specific end use (s)

For general lubrication for equipment and machinery

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

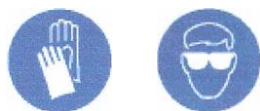
8.1 Control parameters

Workplace exposure limits:	N/A
Biological limit value:	Not established
PNECs, DNELs:	Not established

8.2 Exposure controls

8.2.1 Appropriate engineering controls: Ensure good ventilation /local exhaust ventilation to keep airborne contaminants below exposure limits.

8.2.2 Personal protective equipment:



Eye / face protection:	Safety goggles/glasses if there is a risk of eye contact.
Skin protection:	PVC gloves
Respiratory protection:	Not required under normal circumstances.
Thermal hazards:	Not applicable

8.2.3 Environmental exposure controls – See sections 6, 12, 13.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance/physical state:	Smooth Grease
Colour:	Beige
Odour:	Characteristic
Flash Point	No Data Available
Density:	0.95 @ 25°C
Auto-ignition temperature:	No Data available

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.

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

Oral: Harmful if swallowed. Inhalation:dust,mist: Harmful if inhaled.

Mixture of amine phosphates

LD50 oral rat > 2000 mg/kg
LD50 dermal rat > 2000 mg/kg

Skin corrosion/irritation :	Not classified
pH:	Not applicable
Serious eye damage/irritation :	Not classified
pH:	Not applicable
Respiratory or skin sensitisation :	Not classified
Germ cell mutagenicity :	Not classified
Carcinogenicity :	Not classified
Reproductive toxicity :	Not classified
Specific target organ toxicity (single exposure) :	Not classified
Specific target organ toxicity (repeated exposure):	Not classified
Aspiration hazard :	Not classified

Potential adverse human health effects and symptoms: Harmful if swallowed. Repeated or prolonged skin contact may cause dermatitis and defatting. Harmful if inhaled

SECTION 12 ECOLOGICAL INFORMATION:

Mixture

12.1 Toxicity

Ecology - general : Notify authorities if product enters sewers or public waters. Take all necessary measures to avoid accidental discharge of products into drains and waterways due to the rupture of containers or transfer systems.

Mixture of amine phosphates

LC50 fishes 1 5.5 mg/l (96h - Oncorhynchus mykiss)
EC50 Daphnia 1 1.2 mg/l (48h)

12.2 Persistence and degradability	Not Established.
12.3 Bioaccumulative potential	Not Established
12.4 Mobility in soil	Not Established
12.4 results of PBT and vPvB assessment	PBT: not relevant – no registration required vPvB: not relevant – no registration required
12.6 Other adverse effects.	

SECTION 13 DISPOSAL CONSIDERATIONS:

13.1 Waste Treatment Methods

Dispose in a regulated landfill site or other method for hazardous or toxic waste. Dispose of in accordance with local and national regulations.

SECTION 14. TRANSPORT INFORMATION:

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:

Hazard Symbols:	No Significant Hazard
R Phrases :	None
S Phrases:	None

SECTION 16. OTHER INFORMATION:

Full text of R-, H- and EUH-phrases:

Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
H302	Harmful if swallowed
H315	Causes skin irritation
H319	Causes serious eye irritation
H332	Harmful if inhaled
H411	Toxic to aquatic life with long lasting effects

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.