

# New Tech Lubes Limited



## SAFETY DATA SHEET

According to EC Regulations 1907/2006 & 1272/2008

NTL SDS 1029A-1.0

August 2016

Unit 3 & 4  
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## FS CHAIN TECH AEROSOL

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

- 1.1 **Product Name:** FS Chain Tech Aerosol  
1.2 **Identified uses:** Lubricant  
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](mailto: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:**  
**Classification under CLP:** Flam. Aerosol 1: H222; -: H229  
**Most important adverse effects:** Extremely flammable aerosol. Pressurised container: May burst if heated.

#### 2.2 Label elements:

- Hazard statements:** H222: Extremely flammable aerosol.  
H229: Pressurised container: May burst if heated.  
**Signal words:** Danger  
**Hazard pictograms:** GHS02: Flame



- Precautionary statements:** P102: Keep out of reach of children.  
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P211: Do not spray on an open flame or other ignition source.  
P251: Do not pierce or burn, even after use.  
P410+412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

### 2.3. Other hazards

**Other hazards:** In use, may form flammable / explosive vapour-air mixture.

**PBT:** This product is not identified as a PBT/vPvB substance.

## SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

### 3.2 Hazardous Ingredients:

**Hazardous ingredients:**

#### PROPANE

| EINECS    | CAS     | PBT / WEL  | CLP Classification                  | Percent |
|-----------|---------|--|-------------------------------------|---------|
| 200-827-9 | 74-98-6 | Substance with a Community workplace exposure limit. | Flam. Gas 1: H220; Press. Gas: H280 | 10-30%  |

#### BUTANE

|           |          |  |                                     |        |
|-----------|----------|--|-------------------------------------|--------|
| 203-448-7 | 106-97-8 | Substance with a Community workplace exposure limit. | Flam. Gas 1: H220; Press. Gas: H280 | 10-30% |
|-----------|----------|--|-------------------------------------|--------|

#### ISOBUTANE

|           |         |  |                                     |       |
|-----------|---------|--|-------------------------------------|-------|
| 200-857-2 | 75-28-5 | Substance with a Community workplace exposure limit. | Flam. Gas 1: H220; Press. Gas: H280 | 1-10% |
|-----------|---------|--|-------------------------------------|-------|

## 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.

The following symptoms may be apparent depending upon the routes of absorption as detailed in 4.1 above; eye irritation, headache, nausea, dizziness, respiratory tract irritation..

Resultant acute /long-term effect to the CNS, dermatitis, vomiting, diarrhoea and are further detailed in sect 11

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

Excessive exposure may aggravate pre-existing asthma and other respiratory disorders.

## SECTION 5. FIRE FIGHTING MEASURES

### 5.1 Extinguishing media:

Suitable extinguishing media: Powder, alcohol resistant foam. CO2, dry chemicals.

Unsuitable extinguishing media: Water stream

### 5.2 Special hazards arising from the substance or mixture

May produce oxides of Carbon and other combustion products. Danger of explosion when heated.

Contents will add to fuelling of fire. Solvent vapours may form explosive mixtures with air.

### 5.3 Advice for fire-fighters

Wear SCBA. Keep containers cool by spraying with water. Ventilate closed spaces before entering.

## SECTION 6. ACCIDENTAL RELEASE MEASURES:

### 6.1 Personal precautions, protective equipment and emergency procedures

Remove possible sources of ignition. Avoid breathing fumes/ vapours. Ensure sufficient ventilation. 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

If spray or gas escapes, ensure plenty of fresh air / ventilation. Absorb spilled contents on inert material such as sand or earth - collect and dispose of as in Sect 13. 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

Keep away from all sources of ignition. Wear protective gloves/ eye protection. Do not use on hot surfaces. Wash hands after use and before eating. Do not breathe vapours / fumes.

### 7.2 Conditions for safe storage, including any incompatibilities

Store tightly closed, in a cool, dry, ventilated area. Keep protected from direct sunlight and temperatures above 50°C.

### 7.3 Specific end use (s)

For general solvent cleaner applications in general industrial and automotive use.

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control parameters

PROPANE

Workplace exposure limits:                  Respirable dust

| State | 8 hour TWA | 15 min. STEL | 8 hour TWA | 15 min. STEL |
|-------|------------|--------------|------------|--------------|
| UK    | 1800 mg/m3 | 7200 mg/m3   |            |              |

BUTANE

|    |            |            |  |  |
|----|------------|------------|--|--|
| UK | 1450 mg/m3 | 1810 mg/m3 |  |  |
|----|------------|------------|--|--|

ISOBUTANE

|    |            |            |  |  |
|----|------------|------------|--|--|
| UK | 2400 mg/m3 | 9600 mg/m3 |  |  |
|----|------------|------------|--|--|

### 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 – Nitrile gloves (EN 374). See glove manufacturer data for glove selection and breakthrough time for use conditions.  
Respiratory protection – If engineering controls do not maintain safe level, then filter/respirator. Type A filter material.
- 8.2.3** Environmental exposure controls – See sects 6,12, 13.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

|                       |                   |
|-----------------------|-------------------|
| <b>State:</b>         | Aerosol           |
| <b>Colour:</b>        | Colourless        |
| <b>Odour:</b>         | Perceptible odour |
| <b>Flash point°C:</b> | -60°C             |

## 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 .Pressurised container: Protect from sunlight and do not Expose to temperatures exceeding 50°C. Do not pierce or burn even after use.

### 10.5 Incompatible materials

Avoid contact with strong oxidising agents

### 10.6 Hazardous decomposition products

None when used as directed.

## SECTION 11 TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Symptoms / routes of exposure

|                      |  |
|----------------------|--|
| <b>Skin contact:</b> | There may be irritation and redness at the site of contact.  |
| <b>Eye contact:</b>  | There may be irritation and redness. The eyes may water profusely.   |
| <b>Ingestion:</b>    | There may be soreness and redness of the mouth and throat.   |
| <b>Inhalation:</b>   | There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing. |

**Delayed / immediate effects:** No data available

## SECTION 12 ECOLOGICAL INFORMATION:

## 12.1. Toxicity

**Hazardous ingredients:**

## 12.2. Persistence and degradability

**Persistence and degradability:** Biodegradable.

## 12.3. Bio accumulative potential

**Bioaccumulative potential:** No bioaccumulation potential.

## 12.4. Mobility in soil

**Mobility:** Readily absorbed into soil.

## 12.5. Results of PBT and vPvB assessment

**PBT identification:** This product is not identified as a PBT/vPvB substance.

## 12.6. Other adverse effects

**Other adverse effects:** Negligible ecotoxicity.

## SECTION 13 DISPOSAL CONSIDERATIONS:

### 13.1 Waste Treatment Methods

Empty containers must not be burnt or incinerated because of explosion hazard. Dispose of in accordance with local authority guidelines. Empty aerosol products may be recyclable via local authority.

## SECTION 14. TRANSPORT INFORMATION:

|                                   |                |
|-----------------------------------|----------------|
| 14.1 UN number                    | 1950           |
| 14.2 UN proper shipping name      | Aerosols       |
| 14.3 Transport hazard class       | 2 (UN / IMDG). |
| ADR Classification code           | 5F             |
| 14.4 Packing group                | None           |
| 14.5 Environmental hazards        | Not applicable |
| 14.6 Special Precautions for user | Tunnel Code D  |

## SECTION 15. REGULATORY INFORMATION:

### 15.1 Safety, health and environmental regulations/legislation specific for the mixture

**Specific regulations:** Not applicable

### 15.2 Chemical safety assessment

A CSA has not been carried out for this mixture.

## SECTION 16. OTHER INFORMATION:

### 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                     |

### Other information:

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

\* indicates text in the SDS which has changed since the last revision.

### Phrases used in s.2 and s.3:

|       |  |
|-------|--|
| H220: | Extremely flammable gas.                   |
| H222: | Extremely flammable aerosol.               |
| H229: | Pressurised container: May burst if heated |

### 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.