



## SAFETY DATA SHEET

According to EC Regulations 1907/2006 & 1272/2008

NTL SDS 1032A-1.0

August 2016

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

## FS ELEC TECH AEROSOL

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

- 1.1 Product Name:** FS Elec Tech  
**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  
**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:** STOT SE 3: H336; Aquatic Chronic 2: H411; Eye Irrit. 2: H319; Flam. Aerosol 1: H222; Skin Irrit. 2: H315; -: H229

#### Most important adverse effects:

Extremely flammable aerosol. Pressurised container: May burst if heated. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. Toxic to aquatic life with long lasting effects.

#### 2.2 Label elements:

##### Hazard statements:

H222: Extremely flammable aerosol.  
H229: Pressurised container: May burst if heated  
H315: Causes skin irritation.  
H319: Causes serious eye irritation.  
H336: May cause drowsiness or dizziness.  
H411: Toxic to aquatic life with long lasting effects.

##### Signal words:

Danger

##### Hazard pictograms:

GHS02: Flame  
GHS07: Exclamation mark  
GHS09: Environmental



#### 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.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P302+352: IF ON SKIN: Wash with plenty of water/.  
P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
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:**

ISOPAR G - REACH registered number(s): 01-2119471991-29

EINECS	CAS	PBT / WEL	CLP Classification	Percent
923-037-2	-	-	Aquatic Chronic 2: H411; Asp. Tox. 1: H304; Flam. Liq. 3: H226	10-30%

HYDROCARBONS, C7-C9 ISOALKANES - REACH registered number(s): 01-2119471305-42

921-728-3	-	-	Flam. Liq. 2: H225; Aquatic Chronic 2: H411; Skin Irrit. 2: H315; STOT SE 3: H336; Asp. Tox. 1: H304	10-30%
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PROPANE

200-827-9	74-98-6	Substance with a Community workplace exposure limit.	Flam. Gas 1: H220; Press. Gas: H280	10-30%
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PROPAN-2-OL

200-661-7	67-63-0		Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336	10-30%
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BUTANE

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

200-857-2	75-28-5	Substance with a Community workplace exposure limit.	Flam. Gas 1: H220; Press. Gas: H280	1-10%
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## SECTION 4. FIRST AID MEASURES

### 4.1 Description of first aid measures:

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** Do not induce vomiting. Wash out mouth with water. Consult a doctor.

**Inhalation:** Move to fresh air in case of accidental inhalation of vapours.

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

**Skin contact:** No data available.

**Eye contact:** No data available.

**Ingestion:** No data available.

**Inhalation:** No data available.

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

#### 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: 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/m <sup>3</sup>	7200 mg/m <sup>3</sup>		

BUTANE

UK	1450 mg/m <sup>3</sup>	1810 mg/m <sup>3</sup>		
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ISOBUTANE

UK	2400 mg/m <sup>3</sup>	9600 mg/m <sup>3</sup>		
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PROPAN-2-OL

UK	999 mg/m <sup>3</sup>	1250 mg/m <sup>3</sup>		
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## 8.2 Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** Chemically resistant gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

**Environmental:** Prevent from entering in public sewers or the immediate environment..

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

**State:** Aerosol

**Colour:** Colourless

**Odour:** Perceptible odour

**Flash point°C:** -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

**ISOPAR G**

ORAL	RAT	LD50	>2000	Mg/km
DERMAL	RBT	LD50	>2000	Mg/km

**HYDROCARBONS, C7-C9 ISOALKANES**

VAPOURS	RAT	4H LC50	21	mg/l
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**PROPAN-2-OL**

IVN	RAT	LD50	1088	mg/kg
ORL	MUS	LD50	3600	mg /kg
ORL	RAT	LD50	5045	mg/kg
SCU	MUS	LDLO	6	gm/kg

**Relevant hazards for substance:**

Hazard	Route	Basis
Serious eye damage/irritation	OPT	Hazardous: calculated
Respiratory/skin sensitisation	DRM	Hazardous: calculated
STOT-single exposure	-	Hazardous: calculated

**Toxicity values:**

No data available.

**Symptoms / routes of exposure****Skin contact:**

No data available.

**Eye contact:**

No data available.

**Ingestion:**

No data available.

**Inhalation:**

No data available.

**Delayed / immediate effects:**

No data available.

**Other information:**

Not applicable.

**SECTION 12 ECOLOGICAL INFORMATION:****12.1. Toxicity****Hazardous ingredients:****HYDROCARBONS, C7-C9 ISOALKANES**

Daphnia magna	48H EC50	2.4	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	18.4	mg/l

**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:

##### 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.

H225: Highly flammable liquid and vapour.

H226: Flammable liquid and vapour.

H229: Pressurised container: May burst if heated

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

H411: Toxic to aquatic life with long lasting effects. **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.