



SAFETY DATA SHEET

According to EC Regulations 1907/2006 & 1272/2008

NTL_SDS_1030A-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](https://twitter.com/newtechlubes)

FS DEGREASER AEROSOL

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

- 1.1 Product Name:** FS Degreaser
1.2 Identified uses: Cleaner
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: Aquatic Chronic 4: H413; Eye Irrit. 2: H319; Flam. Aerosol 1: H222; -: H229
Most important adverse effects: Extremely flammable aerosol. Pressurised container: May burst if heated. Causes serious eye irritation. May cause long lasting harmful effects to aquatic life.

2.2 Label elements:

- Hazard statements:** H222: Extremely flammable aerosol.
H229: Pressurised container: May burst if heated
H319: Causes serious eye irritation.
H413: May cause long lasting harmful effects to aquatic life.
Signal words: Danger
Hazard pictograms: GHS02: Flame
GHS07: Exclamation mark



- 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.

P264: Wash hands thoroughly after handling.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.
 P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P410+412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

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	30-50%

HYDROCARBONS, C11-C12, ISOALKANES, <2% AROMATICS - REACH registered number(s): 01-2119472146-39

918-167-1	-	-	Aquatic Chronic 4: H413; Flam. Liq. 3: H226; Asp. Tox. 1: H304; -: EUH066	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%
-----------	----------	--	-------------------------------------	--------

PROPAN 2 OL

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

ISOPAR G

923-037-2	-	-	Aquatic Chronic 4: H413; Asp. Tox. 1: H304; Flam. Liq. 3: H226	10-30%
-----------	---	---	--	--------

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		
----	------------	------------	--	--

PROPAN-2-OL

UK	999 mg/m3	1250 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

State:	Aerosol
Colour:	Yellow
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	RAT	LD%)	>2000	Mg/km

Propan 2 OI

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

Symptoms / routes of exposure

- Skin contact:** There may be irritation and redness at the site of contact.
Eye contact: There may be irritation and redness. The eyes may water profusely.
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. Exposure may cause coughing or wheezing.

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

SECTION 12 ECOLOGICAL INFORMATION:**12.1. Toxicity**

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: No data available.

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: No data available

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: EUH066: Repeated exposure may cause skin dryness or cracking.

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.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

H413: May cause long lasting harmful effects to aquatic life.

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.