

## SAFETY DATA SHEET

FOOD GRADE CHAIN LUBE NSF REG NO 136039 CAT H 1

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Compilation date: 27/06/2005

Revision date: 18/01/2018

Revision No: 5

### Section 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

**Product name:** FOOD GRADE CHAIN LUBE NSF REG NO 136039 CAT H 1

**Product code:** FGCL500

**Synonyms:** FGCL

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### 1.3. Details of the supplier of the safety data sheet

**Company name:** Specialised Aerosols Company Limited

Carr Green Lane

Mapplewell

Barnsley

South Yorkshire

S75 6DY

**Tel:** 01226 387101

**Fax:** 01226 387100

**Email:** sales@specialised-aerosols.co.uk

#### 1.4. Emergency telephone number

**Emergency tel:** 07836317118

### Section 2: Hazards identification

#### 2.1. Classification of the substance or mixture

**Classification under CLP:** Flam. Aerosol 1: H222

**Most important adverse effects:** Extremely flammable aerosol.

#### 2.2. Label elements

**Label elements:**

**Hazard statements:** H222: Extremely flammable aerosol.

**Hazard pictograms:** GHS02: Flame



**Signal words:** Danger

**Precautionary statements:** P102: Keep out of reach of children.

P261: Avoid breathing dust/fumes/gas/mist/vapours/spray.

P271: Use only outdoors or in a well-ventilated area.

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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. Mixtures

#### Hazardous ingredients:

##### BUTANE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
203-448-7	106-97-8	Substance with a Community workplace exposure limit.	Flam. Gas 1: H220; Press. Gas: H280	10-30%

##### KEROSINE - UNSPECIFIED - DISTILLATES (PETROLEUM), HYDROTREATED LIGHT

265-149-8	64742-47-8	-	Asp. Tox. 1: H304; Aquatic Chronic 2: H411	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	10-30%
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**Contains:** We can confirm that this product does not contain any of the 14 allergens as listed in Annex II of the EU Food Information for Consumers Regulation No. 1169/2011 and Commission Delegated Regulation (EU) No. 78/2014 amending Annex II to Regulation (EU) No 1169/2011 (statement verified January 2018)

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Wash immediately with plenty of soap and water. Get medical attention if any discomfort continues.

**Eye contact:** Make sure contact lenses are removed from eyes before washing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

**Ingestion:** Do not induce vomiting. Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious. Get medical attention if any discomfort continues.

**Inhalation:** Move the exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Keep the affected person warm and at rest. Get prompt medical attention.

[cont...]

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

**Skin contact:** Prolonged or repeated exposure may cause severe irritation. Acts as a defatting agent on skin. May cause cracking of skin, and eczema.

**Eye contact:** Irritating to eyes. May cause chemical eye burns.

**Ingestion:** May cause stomach pain or vomiting. Gastrointestinal symptoms, including upset stomach.

**Inhalation:** May cause irritation to the respiratory system. Vapours may cause headache, fatigue, dizziness and nausea. Prolonged inhalation of high concentrations may damage respiratory system.

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

**Immediate / special treatment:** No specific first aid measures noted.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Use; Powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.

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

**Exposure hazards:** Aerosol cans may explode in fires.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapours

## Section 6: Accidental release measures

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

**Personal precautions:** Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

### 6.3. Methods and material for containment and cleaning up

**Clean-up procedures:** Wear necessary protective equipment. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Let evaporate. Keep out of confined spaces because of explosion risk. If leaking cannot be stopped, evacuate area.

### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS.

## Section 7: Handling and storage

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## 7.1. Precautions for safe handling

**Handling requirements:** Keep away from heat, sparks and open flame. Avoid Spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

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

**Storage conditions:** Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50C.

## 7.3. Specific end use(s)

**Specific end use(s):** No data available.

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Hazardous ingredients:**

**BUTANE**

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	1450 mg/m <sup>3</sup>	1810 mg/m <sup>3</sup>	-	-

**ISOBUTANE**

UK	2400 mg/m <sup>3</sup>	9600 mg/m <sup>3</sup>	-	-
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### DNEL/PNEC Values

**DNEL / PNEC** No data available.

### 8.2. Exposure controls

**Engineering measures:** Provide adequate general and local exhaust ventilation.

**Respiratory protection:** No specific recommendations made, but respiratory protection must be used if the general level exceeds the Occupational Exposure Level (OEL). Use chemical cartridge protection with appropriate cartridge.

**Hand protection:** Protective gloves.

**Eye protection:** Wear approved chemical safety goggles where eye exposure is reasonably probable.

**Skin protection:** Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

**Environmental:** DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

## Section 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**State:** Aerosol

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**Colour:** Typical.

**Odour:** Characteristic odour

**Flammability limits %: lower:** 0.8

**upper:** 9.0

**Flash point°C:** -40

## 9.2. Other information

**Other information:** No data available.

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** No specific reactivity hazards associated with this product.

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Not known.

### 10.4. Conditions to avoid

**Conditions to avoid:** Heat. Flames. Sources of ignition.

### 10.5. Incompatible materials

**Materials to avoid:** Strong oxidising agents. Strong mineral acids. Strong alkalis.

### 10.6. Hazardous decomposition products

**Haz. decomp. products:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

**Toxicity values:** No data available.

### Symptoms / routes of exposure

**Skin contact:** Prolonged or repeated exposure may cause severe irritation. Acts as a defatting agent on skin. May cause cracking of skin, and eczema.

**Eye contact:** Irritating to eyes. May cause chemical eye burns.

**Ingestion:** May cause stomach pain or vomiting. Gastrointestinal symptoms, including upset stomach.

**Inhalation:** May cause irritation to the respiratory system. Vapours may cause headache, fatigue, dizziness and nausea. Prolonged inhalation of high concentrations may damage respiratory system.

**Other information:** Route of entry: Inhalation. Skin and /or eye contact.

## Section 12: Ecological information

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## 12.1. Toxicity

**Ecotoxicity values:** No data available.

## 12.2. Persistence and degradability

**Persistence and degradability:** Not biodegradable.

## 12.3. Bioaccumulative potential

**Bioaccumulative potential:** Bioaccumulation potential. No data available on bioaccumulation.

## 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:** Dangerous for the environment if discharged into watercourses.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**Disposal of packaging:** Empty containers must not be burned because of explosion hazard. Dispose of in accordance with local authority requirements.

**NB:** 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

**UN number:** UN1950

### 14.2. UN proper shipping name

**Shipping name:** AEROSOLS

### 14.3. Transport hazard class(es)

**Transport class:** 2

### 14.4. Packing group

### 14.5. Environmental hazards

**Environmentally hazardous:** No

**Marine pollutant:** No

### 14.6. Special precautions for user

**Special precautions:** No special precautions.

**Tunnel code:** D

**Transport category:** 2

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## Section 15: Regulatory information

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

**Specific regulations:** Not applicable.

### 15.2. Chemical Safety Assessment

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## Section 16: Other information

### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

\* 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.

H304: May be fatal if swallowed and enters airways.

H411: Toxic to aquatic life with long lasting effects.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.