

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

### 1.1 Product identifier

**Product name:** PTFE Telomer Dry Lube Aerosol

**Other identification:**

### 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

SwanTek

Mintsfeet Road South, Kendal, LA9 6ND, UK

Tel: +44 (0)1539 722247 Email: service@swantek.com Web: www.swantek.com

### 1.4 Emergency telephone number

As per section 1.3

## Section 2: Hazards identification

### 2.1 Classification of the substance or mixture

Physical and Chemical Hazards: Flam. Aerosol 1 - H222

Human health: Skin Irrit. 2 - H315; STOT SE 3 - H336

Environment: Aquatic Chronic 2 - H411

### 2.2 Label elements

**Hazard pictograms:**

CLP 07 Exclamation

CLP 02 Flammable

CLP 09 Environment

(none)



**Signal word:**

Danger

**Hazard statements:**

H222 Extremely flammable aerosol.

H315 Causes skin irritation.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

**Precautionary statements:**

P102 Keep out of reach of children.

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

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

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P261 Avoid breathing vapour/spray.

P264 Wash contaminated skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+313 If eye irritation persists: Get medical advice/attention.

P501 Dispose of contents/container in accordance with local regulations.

**Other label elements:**

P211 Do not spray on an open flame or other ignition source.

P251 Pressurized container: Do not pierce or burn, even after use.

P302+352 IF ON SKIN: Wash with plenty of soap and water.

P304+340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P312 Call a POISON CENTER or doctor/physician if you feel unwell.

P332+313 If skin irritation occurs: Get medical advice/attention.

P362 Take off contaminated clothing and wash before reuse.

P321 Specific treatment (see medical advice on this label).

P403+233 Store in a well-ventilated place. Keep container tightly closed.

P410+412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

### 2.3 Other hazards

## Section 3: Composition / information on ingredients

### 3.1 Substances

#### 3.2 Mixtures

BUTANE

10-30%

CAS-No.: 106-97-8; EC No.: 203-448-7

Classification (EC 1272/2008): Flam. Gas 1 - H220

ISOBUTANE

10-30%

CAS-No.: 75-28-5; EC No.: 200-857-2

Classification (EC 1272/2008): Flam. Gas 1 - H220

NAPHTHA (PETROLEUM) , HYDROTREATED LIGHT

30-60%

REACH Registration No. 01-2119475514-35-xxxx

CAS-No.: 64742-49-0; EC No.: 921-024-6

Classification (EC 1272/2008): Flam. Liq. 2 - H225, Skin Irrit. 2 - H315, STOT SE 3 - H336, Asp. Tox. 1 - H304, Aquatic Chronic 2 - H411

PROPAN-2-OL

1-5%

CAS-No.: 67-63-0; EC No.: 200-661-7

Classification (EC 1272/2008): Flam. Liq. 2 - H225, Eye Irrit. 2 - H319, STOT SE 3 - H336

PROPANE

10-30%

CAS-No.: 74-98-6; EC No.: 200-827-9

Classification (EC 1272/2008): Flam. Gas 1 - H220

The full text for all Hazard Statements are displayed in Section 16

## Section 4: First aid measures

### 4.1 Description of first aid measures

**General:** Move the exposed person to fresh air at once. 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.

**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.

**Skin:** Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

**Eye:** Make sure to remove any contact lenses from the eyes before rinsing. 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.

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

**General:**

**Inhalation:**

**Ingestion:**

**Skin:**

**Eye:**

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

## Section 5: Firefighting measures

### 5.1 Extinguishing media

Use: Powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.

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

Aerosol cans may explode in a fire.

### **5.3 Advice for firefighters**

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**

### **6.2 Environmental precautions**

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

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 leakage cannot be stopped, evacuate area.

### **6.4 Reference to other sections**

## **Section 7: Handling and storage**

### **7.1 Precautions for safe handling**

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**

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

### **7.3 Specific end use(s)**

## **Section 8: Exposure controls / personal protection**

### **8.1 Control parameters**

Name, STD, TWA - 8 Hrs, STEL - 15 Min

BUTANE, WEL, 600 ppm 1450 mg/m<sup>3</sup>, 750 ppm 1810 mg/m<sup>3</sup>

ISOBUTANE, WEL, 800 ppm, 800 ppm

NAPHTHA (PETROLEUM) HYDROTREATED LIGHT, -, 1200 mg/m<sup>3</sup>, 60 ppm 216 mg/m<sup>3</sup>

PROPAN-2-OL, WEL, 400 ppm 999 mg/m<sup>3</sup>, 500 ppm 1250 mg/m<sup>3</sup>

PROPANE, -, Asphyxiating Asphyxiating, Asphyxiating Asphyxiating

WEL = Workplace Exposure Limits

### **8.2 Exposure controls**

Engineering measures: Provide adequate general and local exhaust ventilation.

Respiratory equipment: No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit. Use chemical cartridge protection with appropriate cartridge.

Hand protection: Use protective gloves.

Eye protection: Use approved safety goggles or face shield.

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

Hygiene measures: 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**

*Note: This information represents typical data and is not a specification.*

Appearance	Aerosol
Colour	Typical
Odour	Characteristic
Solubility	Insoluble in water
Flammability Limit - Lower (%)	0.8
Flammability Limit - Upper (%)	9.0

## **9.2 Other information**

### **Section 10: Stability and reactivity**

#### **10.1 Reactivity**

#### **10.2 Chemical stability**

Stable under normal temperature conditions.

#### **10.3 Possibility of hazardous reactions**

#### **10.4 Conditions to avoid**

Avoid heat, flames and other sources of ignition. Avoid contact with: Strong oxidising agents. Strong alkalis. Strong mineral acids.

#### **10.5 Incompatible materials**

#### **10.6 Hazardous decomposition products**

Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

### **Section 11: Toxicological information**

#### **11.1 Information on toxicological effects**

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. Irritating to respiratory system.

Ingestion: May cause discomfort if swallowed. May cause stomach pain or vomiting. Gastrointestinal symptoms, including upset stomach.

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

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

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

### **Section 12: Ecological information**

#### **12.1 Toxicity**

Dangerous for the environment if discharged into watercourses.

#### **12.2 Persistence and degradability**

#### **12.3 Bioaccumulative potential**

#### **12.4 Mobility in soil**

#### **12.5 Results of PBT and vPvB assessment**

#### **12.6 Other adverse effects**

### **Section 13: Disposal considerations**

#### **13.1 Waste treatment methods**

Empty containers must not be burned because of explosion hazard. Dispose of waste and residues in accordance with local authority requirements.

### **Section 14: Transport information**

#### **General**

#### **14.1 UN Number**

UN No. (ADR/RID/ADN/IMDG/ICAO): 1950

#### **14.2 UN proper shipping name**

AEROSOLS

#### **14.3 Transport hazard class(es)**

ADR/RID/ADN Class: 2 (Gases)

ADR Label No.: 2.1

IMDG Class: 2.1

ICAO Class/Division: 2.1

#### **14.4 Packing group**

Not applicable.

#### **14.5 Environmental hazards**

No

#### **14.6 Special precautions for user**

EMS: F-D, S-U

Tunnel Restriction Code: (D)

#### **14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code**

### **Section 15: Regulatory information**

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

Uk Regulatory References: The Control of Substances Hazardous to Health Regulations 2002.

Approved Code Of Practice: Classification and Labelling of Substances and Preparations Dangerous for Supply.

Guidance Notes: Workplace Exposure Limits EH40, Introduction to Local Exhaust Ventilation HS(G)37.

#### **15.2 Chemical safety assessment**

### **Section 16: Other information**

Hazard Statements In full:

H319 Causes serious eye irritation.

H315 Causes skin irritation.

H222 Extremely flammable aerosol.

H220 Extremely flammable gas.

H225 Highly flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

The responsibility to ensure safe working conditions within the workplace remains with the user. The information on this SDS is given as a guide to the precautions required to maintain a safe work environment. This product is for professional use only. Not for sale or resale to the general public. Use in applications other than those described above may give rise to risks not covered by the information on this SDS. The physical and chemical properties on this SDS are typical properties and are not a specification. Please report any errors.