

## SAFETY DATA SHEET

OLJA PTFE UNI AEROSOL 149020208

Last changed: 14/05/2012

Internal No: 149020208

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

#### 1.1 Product identifier

Trade name / designation OLJA PTFE UNI AEROSOL 149020208

#### 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

##### NATIONAL MANUFACTURER/IMPORTER

Enterprise Luna Verktyg & Maskin AB  
Postal code SE-441 80 ALINGSÅS  
Country SVERIGE  
Telephone + 46 322 60 60 00  
Fax + 46 322 60 64 43

##### CONTACT PERSONS

Name	E-mail	Telephone	Country
Jörgen Bengtsson		+ 46 322 60 64 52	

### 2 Hazards identification

#### 2.1 Classification of the substance or mixture

DPD Classification: F+; R12  
CLP Classification: Flam. Gas 1H220  
Most important HSE hazard effects: Extremely flammable gas.

#### 2.2 Label elements



Signal word: None

EC-Label: No

#### COMPOSITION

SMÖRJOLJA (50 - 70 %), PROPAN (15 - 25 %), BUTAN (15 - 25 %)

##### H Statements

H220 Extremely flammable gas.

##### P Statements

P102 Keep out of reach of children.

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

#### 2.3 Other hazards

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#### OTHER HAZARDS

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.

### 3 Composition/information on ingredients

#### 3.2 Mixtures

Ingredient name	Reg.No	EC No.	CAS No.	Conc. (wt%)	DPD-Classification	CLP-classification
SMÖRJOLJA				50 - 70 %		
PROPAN			74-98-6	15 - 25 %	F+,R12	Flam. Gas 1 H220
BUTAN			106-97-8	15 - 25 %	F+,R12	Flam. Gas 1 H220

Full text of R-, H- and EUH-phrases: see section 16.

The EUH hazard statements mentioned in CLP-classification are only label elements.

### 4 First aid measures

#### 4.1 Description of first aid measures

##### INHALATION

Move the exposed person to fresh air at once. Consult a doctor if symptoms should occur.

##### SKIN CONTACT

Splashed clothing represents a fire hazard - rinse with water. Remove contaminated clothes and wash them before reusing. Wash skin with soap and water. Contact physician if irritation persists.

##### EYE CONTACT

Rinse thoroughly with water until the irritation subsides. Contact physician if irritation persists.

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

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

##### INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Treat symptomatically.

### 5 Fire-fighting measures

#### 5.1 Extinguishing media

##### SUITABLE EXTINGUISHING MEDIA:

Extinguishing agent: carbon dioxide, powder, foam or sand.

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

##### SPECIAL HAZARDS

Aerosols can explode when heated to temperatures over 50 °C.

#### 5.3 Advice for fire-fighters

##### ADVICE FOR FIREFIGHTERS

Use protective equipment and compressed air breathing apparatus.

### 6 Accidental release measures

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

#### FOR NON-EMERGENCY PERSONNEL

Evacuate the area.

#### FOR EMERGENCY RESPONDERS

Evacuate the area.

### 6.2 Environmental precautions

#### ENVIRONMENTAL PRECAUTIONS

Prevent dispersion through damming with sand, earth or other suitable material.

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

#### METHODS AND MATERIAL

Cover or absorb spilt liquid using sand, earth or other suitable material. Follow local regulations.

### 6.4 Reference to other sections

## 7 Handling and Storage

### 7.1 Precautions for safe handling

#### PRECAUTION FOR SAFE HANDLING

Avoid inhalation of vapours. Avoid prolonged or repeated contact. Avoid heat, sparks and open flame.

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

#### CONDITION FOR SAFE STORAGE, INCLUDING ANY UNCOMPATIBILITIES

Effective ventilation is a prerequisite. Store in accordance with regulations for flammable goods. Keep away from sources of ignition - No smoking.

### 7.3 Specific end uses

## 8 Exposure controls / Personal protection

### 8.1 Control parameters

#### OEL value

Ingredient name	CAS no.	Range	ppm	mg/m <sup>3</sup>	Year	Notification
PROPAN	74-98-6	15 min.	1100	2000		
PROPAN	74-98-6	8 h	800	1500		
BUTAN	106-97-8	15 min.	1000	2350		
BUTAN	106-97-8	8 h	800	1900		

R=Toxic for reproduction, H=Skin absorption, K=Carcinogenic, A=Sensitising, T=Upper limit, M=Mutagenic

### 8.2 Exposure controls

#### APPROPRIATE ENGINEERING CONTROLS

Use only in well-ventilated areas.

#### EYE PROTECTION

Protective goggles are recommended.

#### SKIN PROTECTION

Protective clothing if necessary.

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### HAND PROTECTION

Protective gloves (nitrile rubber, PVC).

### RESPIRATORY PROTECTION

Respiratory protection may be required.

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## 9 Physical and chemical Properties

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### 9.1 Information on basic physical and chemical properties

**PHYSICAL STATE** Liquid in aerosol.

**COLOUR** Light.

**ODOUR** Odour-free.

**WATER SOLUBILITY** Insoluble in water.

Parameter	Value/unit	Method/reference	Observation
pH concentrate	No data		
pH in solution	No data		
Melting point	No data		
Freezing point	No data		
Initial boiling point and boiling range	-20 °C		
Flash point	No data		
Evaporation rate	No data		
Flammability (solid, gas)	No data		
Flammability limits	No data		
Explosion limits	2,3 - 9,5 %		
Vapour pressure	No data		
Vapour density	No data		
Relative density	No data		
Partition coefficient	No data		
Auto-ignition temprature	No data		
Decomposition temprature	No data		
Viscosity	No data		

### 9.2 Other safety information

Parameter	Value/unit	Method/reference	Observation
Density	680 kg/m <sup>3</sup>		

Note no.	Comments

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## 10 Stability and Reactivity

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### 10.1 Reactivity

### 10.2 Chemical stability

### 10.3 Possibility of hazardous reactions

### 10.4 Conditions to avoid

### 10.5 Incompatible materials

### 10.6 Hazardous decomposition products:

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## 11 Toxicological information

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### 11.1 Toxicological effects

### 12 Ecological information

#### 12.1 Toxicity

#### 12.2 Persistence and degradability

#### 12.3 Bioaccumulative potential

#### 12.4 Mobility in soil

##### MOBILITY

Evaporates partially from water and the ground. In the event of spillage on the ground, the product will be adsorbed to earth particles. Discharge of large volumes can pollute the ground and groundwater.

#### 12.5 Results of PBT and vPvB assessment

#### 12.6 Other adverse effects

### 13 Disposal considerations

#### 13.1 Waste treatment methods

##### GENERAL REGULATIONS

Dump or destroy in accordance with official recommendations and applicable legislation.

### 14 Transport information

Classified as Dangerous Goods:    Yes

#### Land transport (ADR/RID)

<p>14.1 UN-No.        1950</p> <p>14.2 Proper Shipping Name</p> <p>14.3 Class(es)        2</p> <p>Hazard label(s)        2.1</p> <p>Hazard ID:</p>	<p>14.4 Packing group</p> <p>14.5 Environmental hazards</p> <p>Tunnel restriction code</p>
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#### Inland water ways transport (ADN)

<p>14.1 UN-No.        1950</p> <p>14.2 Proper Shipping Name</p> <p>14.3 Class(es)        2</p> <p>Environmentally hazardous in tank-vessels</p>	<p>14.4 Packing group</p> <p>14.5 Environmental hazards</p>
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### Sea transport (IMDG)

<p>14.1 UN-No.      1950</p> <p>14.2 Proper Shipping Name</p> <p>14.3 Class(es)      2</p> <p>Sub Risk:</p> <p>IMDG Code segregation group</p> <p>Marine pollutant</p> <p>EMS:              F-D,S-U</p>	<p>14.4 Packing group</p> <p>14.5 Environmental hazards</p>
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### Air transport (ICAO-TI / IATA-DGR)

<p>14.1 UN-No.      1950</p> <p>14.2 Proper Shipping Name</p> <p>14.3 Class(es)      2</p> <p>Hazard label(s)</p>	<p>14.4 Packing group</p> <p>14.5 Environmental hazards</p>
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### 15 Regulatory information

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

**15.2 Chemical Safety Assessment**

### 16 Other information

#### LIST OF RELEVANT R-PHRASES

R12      Extremely flammable.

#### LIST OF RELEVANT H-STATEMENTS

H220      Extremely flammable gas.