

SAFETY DATA SHEET

FETT UNI AEROSOL 149030207

Last changed: 14/05/2012

Internal No: 149030207

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

1.1 Product identifier

Trade name / designation FETT UNI AEROSOL 149030207

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
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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, Xi; R38, N; R51/53

CLP Classification: Flam. Gas 1H220, Skin Irrit. 2H315, Aquatic Chronic 2H411

Most important HSE hazard effects: Extremely flammable gas. Causes skin irritation. Toxic to aquatic life with long lasting effects.

2.2 Label elements



Signal word: None

EC-Label: No

COMPOSITION

PROPAN (10 - 20 %), BUTAN (10 - 20 %), Syntetisk olja (40 %), Kolväteblandning (30 - 50 %)

H Statements

H220 Extremely flammable gas.
H315 Causes skin irritation.
H411 Toxic to aquatic life with long lasting effects.

P Statements

P102 Keep out of reach of children.
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P262 Do not get in eyes, on skin, or on clothing.

SAFETY DATA SHEET

FETT UNI AEROSOL 149030207

Last changed: 14/05/2012

Internal No: 149030207

SUPPLEMENTAL HAZARD INFORMATION (EU)

High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting. Repeated exposure may cause skin dryness or cracking.

2.3 Other hazards

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
PROPAN			74-98-6	10 - 20 %	F+,R12	Flam. Gas 1 H220
BUTAN			106-97-8	10 - 20 %	F+,R12	Flam. Gas 1 H220
Syntetisk olja				40 %		
Kolväteblandning			64742-49-0	30 - 50 %	Xi,F,N,R11 - R38 - R45 - R51/53 - R65 - R67	Flam. Aerosol 1 H222 Flam. Liq. 2 H225 Skin Irrit. 2 H315 Carc. 1B H350 STOT SE 1 H370 STOT SE 3 H336 Aquatic Chronic 2 H411

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. Get medical attention if any discomfort continues.

INGESTION

DO NOT INDUCE VOMITING! Rinse the mouth with water. Contact physician.

SKIN CONTACT

Remove contaminated clothing. Wash skin with soap and water. Get medical attention if irritation persists after washing.

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

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

May be dangerous if ingested. Risk of lung damage.

4.3 Indication of any immediate medical attention and special treatment needed

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Treat symptomatically.

SAFETY DATA SHEET

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Internal No: 149030207

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

Aerosol cans may explode in fires.

5.3 Advice for fire-fighters

ADVICE FOR FIREFIGHTERS

Use a fresh-air mask. Always use protective clothing.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

PERSONAL PRECAUTIONS

Eliminate all sources of ignition. Always use protective clothing. No smoking and use of open fire.

FOR NON-EMERGENCY PERSONNEL

Evacuate the area.

FOR EMERGENCY RESPONDERS

Evacuate the area.

6.2 Environmental precautions

6.3 Methods and material for containment and cleaning up

6.4 Reference to other sections

7 Handling and Storage

7.1 Precautions for safe handling

PRECAUTION FOR SAFE HANDLING

Avoid inhaling vapour/aerosol/mist. Avoid prolonged or repeated contact. Repeated exposure may cause skin dryness or cracking. 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. Keep away from sources of ignition - No smoking.

7.3 Specific end uses

8 Exposure controls / Personal protection

8.1 Control parameters

SAFETY DATA SHEET

FETT UNI AEROSOL 149030207

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OEL value

Ingredient name	CAS no.	Range	ppm	mg/m3	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		
Kolväteblandning	64742-49-0	15 min.	630	2300		
Kolväteblandning	64742-49-0	8 h	500	1800		

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

Use eye protection.

SKIN PROTECTION

Protective gloves (nitrile rubber, PVC).

RESPIRATORY PROTECTION

Wear suitable respiratory protection.

9 Physical and chemical Properties

9.1 Information on basic physical and chemical properties

PHYSICAL STATE Liquid in aerosol.

COLOUR Yellowish.

ODOUR Mild.

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	50 °C	Kolväteblandning	
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 temperature	No data		
Decomposition temperature	No data		
Viscosity	No data		

9.2 Other safety information

Parameter	Value/unit	Method/reference	Observation
Density	< 660 kg/m ³		

Note no.	Comments

SAFETY DATA SHEET

FETT UNI AEROSOL 149030207

Last changed: 14/05/2012

Internal No: 149030207

10 Stability and Reactivity

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:

11 Toxicological information

11.1 Toxicological effects

ACUTE TOXICITY - ORAL

Harmful: may cause lung damage if swallowed. Aspiration during vomiting or ingestion may cause chemical pneumonia.

ACUTE TOXICITY - INHALATION

May cause headache, dizziness, tiredness and nausea. Risk increases on protracted or repeated exposure.

SKIN CORROSION/IRRITATION

May cause moderate irritation/smarting. Repeated exposure may cause skin dryness or cracking.

12 Ecological information

12.1 Toxicity

ECOTOXICITY

Toxic to aquatic organisms.

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

Treat as dangerous waste. Dump or destroy in accordance with official recommendations and applicable legislation.

SAFETY DATA SHEET

FETT UNI AEROSOL 149030207

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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

SAFETY DATA SHEET

FETT UNI AEROSOL 149030207

Last changed: 14/05/2012

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LIST OF RELEVANT R-PHRASES

R11	Highly flammable.
R12	Extremely flammable.
R38	Irritating to skin.
R45	May cause cancer.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R67	Vapours may cause drowsiness and dizziness.

LIST OF RELEVANT H-STATEMENTS

H220	Extremely flammable gas.
H222	Extremely flammable material.
H225	Highly flammable liquid and vapour.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H350	May cause cancer.
H370	Causes damage to organs.
H411	Toxic to aquatic life with long lasting effects.