

## SAFETY DATA SHEET

### ALLROUNDOLJA SPRAY 592617617

Last changed: 20/08/2012

Replaces date: 12/08/2009

Internal No: 592617617

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

##### 1.1 Product identifier

Trade name / designation ALLROUNDOLJA SPRAY 592617617

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

RELEVANT IDENTIFIED USES Lubricant, grease

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

###### NATIONAL MANUFACTURER/IMPORTER

Enterprise Tilia International AB  
Address Kverrestadsvägen 16 A  
Postal code 273 96 Tomelilla  
Country SVERIGE  
E-mail tilia.order@live.se  
Telephone +46 417 322 40  
Fax +46 417 322 45

###### CONTACT PERSONS

Name	E-mail	Telephone	Country
Håkan Stridsberg			

#### 2 Hazards identification

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

DPD Classification: F+; R12, Xn; R65, R66

CLP Classification: Flam. Gas 1H220, Acute Tox. 4H302, EUH066

Most important HSE hazard effects: Extremely flammable gas. Harmful if swallowed. Repeated exposure may cause skin dryness or cracking.

##### 2.2 Label elements



Signal word: None

EC-Label: No

##### COMPOSITION

Paraffiner, normal C5-20 (40 - 45 %), Rapsmetylester (RME) (12 - 25 %), Rapsolja (3 - 6 %), Butan (15 - 25 %), PROPAN (15 - 25 %)

##### H Statements

H220 Extremely flammable gas.  
H302 Harmful if swallowed.  
EUH066 Repeated exposure may cause skin dryness or cracking.

##### 2.3 Other hazards

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#### OTHER HAZARDS

Splashing into eyes may cause smarting/irritation. Inhalation of high contents may cause headache, nausea and dizziness. 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
Paraffiner, normal C5-20		265-233-4	64771-72-8	40 - 45 %	Xn,R65 - R66	Acute Tox. 4 H302 EUH066
Rapsmetyester (RME)		267-015-4	67762-38-3	12 - 25 %		
Rapsolja		232-299-0	8002-13-9	3 - 6 %		
Butan		203-448-7	106-97-8	15 - 25 %	F+,R12	Flam. Gas 1 H220
PROPAN			74-98-6	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

Fresh air and rest.

##### INGESTION

DO NOT INDUCE VOMITING! If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Immediately consult a doctor.

##### SKIN CONTACT

Wash skin with soap and water.

##### EYE CONTACT

Remove contact lenses. Immediately rinse with water for several minutes. Get medical attention if any discomfort continues.

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

##### MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Provide eyewash station.

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

### 5 Fire-fighting measures

#### 5.1 Extinguishing media

##### SUITABLE EXTINGUISHING MEDIA:

Fire may be extinguished using powder, foam or carbon dioxide (CO<sub>2</sub>).

##### UNSUITABLE EXTINGUISHING MEDIA

Do not use a direct water jet.

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

##### SPECIAL HAZARDS

Extremely flammable.

#### 5.3 Advice for fire-fighters

##### ADVICE FOR FIREFIGHTERS

Avoid breathing fire vapours. Wear air supplied respiratory protection.

##### OTHER INFORMATION

Keep combustibles away from spilled material. Spray water over adjacent areas in order to confine the fire. Small fires, let burn unless the leak can be stopped immediately and safely. Vapours are heavier than air and may spread near ground to sources of ignition.

#### 6 Accidental release measures

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

###### PERSONAL PRECAUTIONS

Wash skin with soap and water. Bear in mind the risk of slipping.

##### 6.2 Environmental precautions

###### ENVIRONMENTAL PRECAUTIONS

Prevent discharges into the sewage system, watercourses or lakes.

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

###### METHODS AND MATERIAL

Bank and absorb with inert material (e.g. sand) and treat in accordance with local regulations. Collect mechanically. Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

##### 6.4 Reference to other sections

#### 7 Handling and Storage

##### 7.1 Precautions for safe handling

###### PRECAUTION FOR SAFE HANDLING

Avoid spillage. Spillage may cause slipperiness. Use only in well-ventilated areas. When using do not smoke. Keep away from heat, sparks and open flame. Risk of vapour concentration on the floor and in low lying areas.

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

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

Store above freezing. Avoid contact with strong oxidisers. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.

##### 7.3 Specific end uses

###### OTHER INFORMATION

Provide eyewash, quick drench. Take precautionary measures against static discharges.

#### 8 Exposure controls / Personal protection

##### 8.1 Control parameters

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#### OEL value

Ingredient name	CAS no.	Range	ppm	mg/m3	Year	Notification
Rapsolja	8002-13-9	15 min.		1	1990	
Rapsolja	8002-13-9	8 h		3	1990	
Paraffiner, normal C5-20	64771-72-8	15 min.		500	1989	
Paraffiner, normal C5-20	64771-72-8	8 h		350	1989	

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

## 8.2 Exposure controls

### EYE PROTECTION

If risk of splashing, wear safety goggles or face shield.

### SKIN PROTECTION

Wear suitable protective clothing.

### HAND PROTECTION

Use suitable protective gloves made of nitrile rubber.

### RESPIRATORY PROTECTION

Respiratory protection must be used if air concentration exceeds acceptable level. Respirator with A filter (brown). If necessary, respirator with P2 or P3 particle filter. In the event of high concentrations, use a high pressure mask.

## 9 Physical and chemical Properties

### 9.1 Information on basic physical and chemical properties

<b>PHYSICAL STATE</b>	Oil.
<b>COLOUR</b>	Light yellow.
<b>ODOUR</b>	Weak odour. Oil.
<b>WATER SOLUBILITY</b>	Emulsable in water. Low solubility 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	180 - 350 °C	Oljan utan drivgas	
Flash point	< 0 °C	Troligen ca. -40°C	
Evaporation rate	No data		
Flammability (solid, gas)	No data		
Flammability limits	No data		
Explosion limits	0,4 - 10 %	(för drivgas, paraffin och RME i	
Vapour pressure	No data		
Vapour density	No data		
Relative density	No data		
Partition coefficient	No data		1)
Auto-ignition temprature	No data		
Decomposition temprature	No data		
Viscosity	No data		

### 9.2 Other safety information

Parameter	Value/unit	Method/reference	Observation
Density	750 kg/m <sup>3</sup>	(oljefasen)	

Note no.	Comments
1	Not translated to English

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#### 10 Stability and Reactivity

##### 10.1 Reactivity

##### 10.2 Chemical stability

###### CHEMICAL STABILITY

Stable under recommended storage and handling conditions.

##### 10.3 Possibility of hazardous reactions

##### 10.4 Conditions to avoid

###### CONDITIONS TO AVOID

Avoid contact with oxidizing substances and strong acids. Avoid contact with bases. Avoid high temperatures and direct sunlight.

##### 10.5 Incompatible materials

##### 10.6 Hazardous decomposition products:

###### HAZARDOUS DECOMPOSITION PRODUCTS

In the event of a fire, carbon monoxide and carbon dioxide are emitted.

##### OTHER INFORMATION

Store at room temperature.

#### 11 Toxicological information

##### 11.1 Toxicological effects

###### Rapsmetyester (RME)

Route of exposure	Exposure time	Value/unit	Species	Source
LD50 (Oral)		> 1000 mg/kg	råtta	

###### Butan

Route of exposure	Exposure time	Value/unit	Species	Source
LC50 (Inhalation)		> 5 mg/l	råtta	

###### Propane

Route of exposure	Exposure time	Value/unit	Species	Source
LC50 (Inhalation)		> 5 mg/l	råtta	

###### Paraffiner, normal C5-20

Route of exposure	Exposure time	Value/unit	Species	Source
LC50 (Inhalation)	8h	> 20 mg/l	råtta	
LD50 (Oral)		> 1000 mg/kg	råtta	

##### ACUTE TOXICITY - ORAL

Risk of aspiration with chemical pneumonia. Even a few ml in the lungs may cause chemical pneumonia.

##### ACUTE TOXICITY - DERMAL

May be irritating on protracted or repeated exposure. Protracted or repeated exposure may cause drying and cracking of the skin.

##### ACUTE TOXICITY - INHALATION

Inhalation of vapours may cause irritation in the respiratory tract. Vapours may cause drowsiness and dizziness.

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#### SERIOUS EYE DAMAGE/IRRITATION

May cause moderate irritation/smarting.

### 12 Ecological information

#### 12.1 Toxicity

##### Rapsmetyester (RME)

Test	Exposure time	Value/unit	Species	Source
EC50 (Acute Daphnia)		> 100 mg/l	bakterie	
LC50 (Acute fish)		> 100 mg/l		

#### 12.2 Persistence and degradability

##### DEGRADABILITY

Biological degradability 60 %. Propellant gasesEvaporates quickly to the atmosphere.

#### 12.3 Bioaccumulative potential

##### ACCUMULATION

Bioaccumulation improbable.

#### 12.4 Mobility in soil

#### 12.5 Results of PBT and vPvB assessment

#### 12.6 Other adverse effects

##### OTHER EFFECTS

Occasional major emissions or frequently recurring minor emissions may have a harmful or disturbing effect.

### 13 Disposal considerations

#### 13.1 Waste treatment methods

##### GENERAL REGULATIONS

Treat as dangerous waste. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. If the spillage or waste cannot be recycled or destroyed privately (NB licence requirements), contact a contractor approved by the municipality or county council.

##### CATEGORY OF WASTE

EWC 16 05 04

### 14 Transport information

Classified as Dangerous Goods: Yes

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#### 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)</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: IMDG Code segregation group</p> <p>Marine pollutant No</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) 2.1</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.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.

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<b>LIST OF RELEVANT H-STATEMENTS</b>
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H220	Extremely flammable gas.
H302	Harmful if swallowed.
EUH066	Repeated exposure may cause skin dryness or cracking.