

SAFETY DATA SHEET

Pneumatic tool oil Luna AIRTOIL 15 155300106, 0205, 0304

Last changed: 21/10/2014

Replaces date: 09/05/2012

Internal No. 155300106

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

1.1. Product identifier

Trade name Pneumatic tool oil Luna AIRTOIL 15 155300106, 0205, 0304

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

RECOMMENDED USES: Lubricant

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

Tel + 46 322 60 60 00

Fax + 46 322 60 64 43

CONTACT PERSON

Name	Email	Tel	Country
Jörgen Bengtsson		+ 46 322 60 64 52	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

DPD Classification: Xn; R65

CLP Classification: Asp. Tox. 1;H304

Most serious harmful effects:: May be fatal if swallowed and enters airways.

2.2. Label elements



Signal word: None

EC-Label: No

COMPOSITION

VITOLJA, HÖGRAFFINERAD MINERALOLJA (100 %)

H-phrases

H304 May be fatal if swallowed and enters airways.

SUPPLEMENTAL HAZARD INFORMATION (EU)

Risk of aspiration with chemical pneumonia.

2.3. Other hazards

OTHER HAZARDS

Not known

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SECTION 3: Composition/information on ingredients

3.2. Mixtures

Ingredient name	Reg. no.	EC No.	CAS No.	Conc. (wt%)	DPD-Classification	CLP-classification
VITOLJA, HÖGRAFFINERAD MINERALOLJA		232-455-8	8042-47-5	100 %	R65	Asp. Tox. 1 H304

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

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

SECTION 4: First aid measures

4.1. Description of first aid measures

INHALATION

Provide rest, warmth and fresh air. Rinse nose, mouth and throat with water. Get medical attention if any discomfort continues.

INGESTION

DO NOT INDUCE VOMITING! Contact physician.

SKIN

Wash skin with soap and water. Remove contaminated clothing. Get medical attention if any discomfort continues. Immediate hospital care if the product has been forced through the skin at high pressure.

EYES

Rinse with water. 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

Aspiration during vomiting or ingestion may cause chemical pneumonia. Pulmonary oedema may appear several hours/days after exposure.

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

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

SUITABLE EXTINGUISHING MEDIA:

Fire may be extinguished using powder, foam or carbon dioxide (CO₂).

UNSUITABLE EXTINGUISHING MEDIA

Do not use water.

5.2. Special hazards arising from the substance or mixture

SPECIAL HAZARDS

Evolves combustible gases if heated. In the event of a fire, irritating smoke is formed. Carbon monoxide may be formed in the event of incomplete combustion.

5.3. Advice for firefighters

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ADVICE FOR FIREFIGHTERS

Wear suitable respiratory protection.

OTHER INFORMATION

Only trained personnel may undertake fire fighting in enclosed spaces. Containers close to fire should be removed immediately or cooled with water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

PERSONAL PRECAUTIONS

Bank in the discharge. Use personal protective equipment.

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

Prevent dispersion through damming with sand, earth or other suitable material. Wipe away or soak up with an absorbent material. Immediately inform the authorities if the emission reaches the sewage system and watercourses. Inform the emergency service in the event of major spillage. Treat as dangerous waste. In the event of spillage into water: Enclose by booms and pump out as much as possible, collect minor quantities, e.g. in bark, and remove immediately.

6.4. Reference to other sections

REFERENCES

Waste management see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

7.1. PRECAUTIONS FOR SAFE HANDLING

Avoid spillage. Avoid inhaling vapour/aerosol/mist.

7.2. Conditions for safe storage, including any incompatibilities

7.3. Specific end use(s)

7.3. SPECIFIC END USE(S)

Remains and waste must be treated as dangerous waste.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

LEGAL BASIS

AFS 2011:18

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Occupational exposure limits

Ingredient name	CAS No.	Range	ppm	mg/m3	Year	Remarks
VITOLJA, HÖGRAFFINERAD MINERALOLJA	8042-47-5	15 min.		3		
VITOLJA, HÖGRAFFINERAD MINERALOLJA	8042-47-5	8 h		1		

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

BIOLOGICAL THRESHOLD VALUES

Contains mineral oil for which a threshold value for oil mist must be applied.

8.2. Exposure controls

APPROPRIATE ENGINEERING CONTROLS

Good personal hygiene is important. Use only in well-ventilated areas. Remove contaminated clothing. Do not put polluted rags in your pockets. Use suitable protective gloves, protective goggles and protective clothes if there is risk of direct contact or splashing.

EYE PROTECTION

Use eye protection.

SKIN PROTECTION

Apron.

HAND PROTECTION

Protective gloves (nitrile rubber, fluorocarbon rubber).

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

STATE	Liquid.
COLOUR	Transparent liquid.
ODOUR	Mild.
SOLUBILITY	Organic solvents.
SOLUBILITY IN WATER	The product has limited solubility in water.

Parameter	Value/unit	Method/reference	Observation
pH (concentrate)	No data		
pH (solution for use)	No data		
Melting point	No data		
Freezing point	No data		
Initial boiling point and boiling range	No data		
Flash point	> 170 °C		1)
Evaporation rate	No data		
Flammability (solid, gas)	No data		
Flammability limits	No data		
Explosion limits	No data		
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	~ 15 mm ² /s	40°C	2)

9.2. Other information

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Parameter	Value/unit	Method/reference	Observation
Density	~ 849 kg/m ³	15°C	3)

Note no.	Comments
1	NOT TRANSLATED
2	NOT TRANSLATED
3	NOT TRANSLATED

SECTION 10: Stability and reactivity

10.1. Reactivity

10.1. REACTIVITY

No information available

10.2. Chemical stability

10.2. CHEMICAL STABILITY

Stable.

10.3. Possibility of hazardous reactions

10.3. POSSIBILITY OF HAZARDOUS REACTIONS

Reacts with strong oxidants.

10.4. Conditions to avoid

10.4. CONDITIONS TO AVOID

Strong oxidizing agent.

10.5. Incompatible materials

10.5. INCOMPATIBLE MATERIALS

Not known

10.6. Hazardous decomposition products

10.6. HAZARDOUS DECOMPOSITION PRODUCTS

At a fire or strong heat, carbon monoxide (CO) is formed

SECTION 11: Toxicological information

11.1. Information on toxicological effects

ACUTE TOXICITY - ORAL

Aspiration during vomiting or ingestion may cause chemical pneumonia.

ACUTE TOXICITY - DERMAL

Product that has come under the skin at high pressure may cause extensive subcutaneous necrosis.

ACUTE TOXICITY - INHALATION

Oil mist may irritate the respiratory organs.

SKIN CORROSION/IRRITATION

Protracted or repeated contact in combination with poor hygiene may cause skin problems in the form of skin inflammation (dermatitis), eczema and oil acne. Used oils may contain contaminants hazardous to health. Mineral oil that has entered under the skin at high pressure may cause extensive subcutaneous necrosis.

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SERIOUS EYE DAMAGE/EYE IRRITATION

May cause discomfort.

ASPIRATION HAZARD

Risk of aspiration with chemical pneumonia.

SECTION 12: Ecological information

12.1. Toxicity

ACUTE AQUATIC TEST RESULTS

Not known

ECOTOXICITY

Not known

12.2. Persistence and degradability

PERSISTENCE AND DEGRADABILITY

The principal constituents are expected to be biodegradable. Slowly biodegradable.

12.3. Bioaccumulative potential

BIOACCUMULATIVE POTENTIAL

Contains component/components that can be bioaccumulated.

12.4. Mobility in soil

MOBILITY

Low solubility in water. The product floats on water. Contains components that strongly adsorb earth particles.

12.5. Results of PBT and vPvB assessment

RESULTS OF PBT AND VPVB ASSESSMENT

No information available

12.6. Other adverse effects

OTHER EFFECTS

Forms an oil film on water surfaces that may harm aquatic organisms and may disturb the transport of oxygen at the air/water interface.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

GENERAL REGULATIONS

Treat as dangerous waste. May only be transported by a contractor with a special licence.

CATEGORY OF WASTE

EWC 13 02 05

SECTION 14: Transport information

Classified as Dangerous Goods: No

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SECTION 15: Regulatory information

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

OTHER REGULATORY INFORMATION

The CLP Regulation (1272/2008) SFS 2001:1063 AFS 2011:18

15.2. Chemical safety assessment

SECTION 16: Other information

LIST OF RELEVANT R-PHRASES

R65 Harmful: may cause lung damage if swallowed.

LIST OF RELEVANT H-STATEMENTS

H304 May be fatal if swallowed and enters airways.