

SAFETY DATA SHEET

RAK SKÄROLJA BIO 155480106

Last changed: 24/05/2012

Internal No: 155480106

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

1.1 Product identifier

Trade name / designation RAK SKÄROLJA BIO 155480106

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:

CLP Classification:

Most important HSE hazard effects:

2.2 Label elements

Signal word: None

EC-Label: No

COMPOSITION

VEGETABILISK OLJA (90 - 100 %)

SUPPLEMENTAL HAZARD INFORMATION (EU)

Not classified.

2.3 Other hazards

3 Composition/information on ingredients

3.2 Mixtures

Ingredient name	Reg.No	EC No.	CAS No.	Conc. (wt%)	DPD-Classification	CLP-classification
VEGETABILISK OLJA				90 - 100 %		

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

SAFETY DATA SHEET

RAK SKÄROLJA BIO 155480106

Last changed: 24/05/2012

Internal No: 155480106

4.1 Description of first aid measures

INHALATION

Fresh air if there are symptoms of injury.

INGESTION

DO NOT INDUCE VOMITING! Drink a couple of glasses of water or milk.

SKIN CONTACT

Wash skin with soap and water.

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

5 Fire-fighting 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 a direct water jet.

5.2 Special hazards arising from the substance or mixture

5.3 Advice for fire-fighters

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

6.2 Environmental precautions

ENVIRONMENTAL PRECAUTIONS

Prevents major discharge into sewage systems, groundwater and surface water.

6.3 Methods and material for containment and cleaning up

METHODS AND MATERIAL

Collect. Dispose of on site landfill area. After cleaning, minor residues may be rinsed away with water.

6.4 Reference to other sections

7 Handling and Storage

7.1 Precautions for safe handling

PRECAUTION FOR SAFE HANDLING

Avoid prolonged or repeated contact. Remove contaminated clothing.

7.2 Conditions for safe storage, including any incompatibilities

CONDITION FOR SAFE STORAGE, INCLUDING ANY UNCOMPATIBILITIES

Store at temperatures between 0 °C and 40 °C. Keep in original container. Keep container tightly closed.

SAFETY DATA SHEET

RAK SKÄROLJA BIO 155480106

Last changed: 24/05/2012

Internal No: 155480106

7.3 Specific end uses

8 Exposure controls / Personal protection

8.1 Control parameters

OEL value

Ingredient name	CAS no.	Range	ppm	mg/m3	Year	Notification
VEGETABILISK OLJA		15 min.		3		
VEGETABILISK OLJA		8 h		1		

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

BIOLOGICAL THRESHOLD VALUES

Limit value

8.2 Exposure controls

EYE PROTECTION

Use eye protection.

HAND PROTECTION

Cleanliness. Use suitable protective gloves if risk of skin contact.

RESPIRATORY PROTECTION

Provide sufficient ventilation during operations which cause vapour formation.

9 Physical and chemical Properties

9.1 Information on basic physical and chemical properties

PHYSICAL STATE	Oil.
COLOUR	Red. Yellow.
ODOUR	Weak.
WATER SOLUBILITY	Insoluble in water.

Parameter	Value/unit	Method/reference	Observation
pH concentrate	No data		
pH in solution	No data		
Melting point	-5 °C		
Freezing point	No data		
Initial boiling point and boiling range	No data		
Flash point	206 °C		
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 temprature	No data		
Decomposition temprature	No data		
Viscosity	10,8 mm ² /s	40°C	

9.2 Other safety information

SAFETY DATA SHEET

RAK SKÄROLJA BIO 155480106

Last changed: 24/05/2012

Internal No: 155480106

Parameter	Value/unit	Method/reference	Observation
Density	880 kg/m ³	20°C	

Note no.	Comments

10 Stability and Reactivity

10.1 Reactivity

10.2 Chemical stability

CHEMICAL STABILITY

Stable.

10.3 Possibility of hazardous reactions

10.4 Conditions to avoid

CONDITIONS TO AVOID

Avoid temperatures above 100 °C.

10.5 Incompatible materials

INCOMPATIBLE MATERIALS

Strong oxidizing agent.

10.6 Hazardous decomposition products:

11 Toxicological information

11.1 Toxicological effects

VEGETABILISK OLJA				
Route of exposure	Exposure time	Value/unit	Species	Source
LD50 (Oral)		> 2000 mg/kg	råtta	

12 Ecological information

12.1 Toxicity

ECOTOXICITY

Readily biodegradable. Biological degradability 70 %.

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

13 Disposal considerations

13.1 Waste treatment methods

SAFETY DATA SHEET

RAK SKÄROLJA BIO 155480106

Last changed: 24/05/2012

Internal No: 155480106

GENERAL REGULATIONS

Remains and waste must be treated as environmentally-dangerous waste. If the spillage or waste cannot be recycled or destroyed privately (NB licence requirements), contact a contractor approved by the municipality or county council.

14 Transport information

Classified as Dangerous Goods: **No**

Land transport (ADR/RID)

14.1 UN-No.	Not applicable.	14.4 Packing group	Not applicable.
14.2 Proper Shipping Name	Not applicable.	14.5 Environmental hazards	Not applicable.
14.3 Class(es)	Not applicable.		
Hazard label(s)	Not applicable.		
Hazard ID:	Not applicable.	Tunnel restriction code	Not applicable.

Inland water ways transport (ADN)

14.1 UN-No.	Not applicable.	14.4 Packing group	Not applicable.
14.2 Proper Shipping Name	Not applicable.	14.5 Environmental hazards	Not applicable.
14.3 Class(es)	Not applicable.		
Environmentally hazardous in tank-vessels	Not applicable.		

Sea transport (IMDG)

14.1 UN-No.	Not applicable.	14.4 Packing group	Not applicable.
14.2 Proper Shipping Name	Not applicable.	14.5 Environmental hazards	Not applicable.
14.3 Class(es)	Not applicable.		
Sub Risk:	Not applicable.		
IMDG Code segregation group	Not applicable.		
Marine pollutant	Not applicable.		
EMS:	Not applicable.		

Air transport (ICAO-TI / IATA-DGR)

14.1 UN-No.	Not applicable.	14.4 Packing group	Not applicable.
14.2 Proper Shipping Name	Not applicable.	14.5 Environmental hazards	Not applicable.
14.3 Class(es)	Not applicable.		
Hazard label(s)	Not applicable.		

15 Regulatory information

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

SAFETY DATA SHEET

RAK SKÄROLJA BIO 155480106

Last changed: 24/05/2012

Internal No: 155480106

15.2 Chemical Safety Assessment

16 Other information
