

Mirka Ltd  
66850 Jeppo

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

### 1.1 Product identifier

#### Oil Bottle for Pneumatic Sanders

IUPAC	Destillates (petroleum), hydrotreated heavy paraffinic (containing < 3% DMSO-extract)
EU-INDEX	649-467-00-8
EINECS/ELINCS	265-157-1
CAS	64742-54-7

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

#### 1.2.1 Relevant uses

Base oil  
Lubricant

#### 1.2.2 Uses advised against

None known.

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

Company	Mirka Ltd Pensalavägen 210 66850 Jeppo / FINLAND Phone +358 20 760 2111 Fax +358 20 760 2290 Homepage <a href="http://www.mirka.com">www.mirka.com</a> E-mail <a href="mailto:sales@mirka.com">sales@mirka.com</a>
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#### Address enquiries to

Technical information	<a href="mailto:sales@mirka.com">sales@mirka.com</a>
Safety Data Sheet	<a href="mailto:sdb@chemiebuero.de">sdb@chemiebuero.de</a>

### 1.4 Emergency telephone number

Company	+358 20 760 2111 (8:00 - 16:00)
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## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture [UN GHS Rev.6]

No classification.

### 2.2 Label elements

The product does not require a hazard warning label in accordance with UN GHS Rev.6 directive.

Hazard pictograms	none
Signal word	none
Hazard statements	none
Precautionary statements	none

### 2.3 Other hazards

Physico-chemical hazards	Combustible.
Human health dangers	Has a degreasing effect on the skin. Frequent persistent contact with the skin can cause skin irritation. Used oil may contain harmful impurities. May cause irritation of eye and skin. May cause irritation of mucous membranes and respiratory organs. Injection under the skin with high pressure can cause serious damage.

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### SECTION 3: Composition / Information on ingredients

#### Product-type:

3.1 The product is a substance.

Range [%]	Substance
100	Destillates (petroleum), hydrotreated heavy paraffinic (containing < 3% DMSO-extract) CAS: 64742-54-7, EINECS/ELINCS: 265-157-1, EU-INDEX: 649-467-00-8

Comment on component parts      No dangerous components.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

<b>General information</b>	Take off contaminated clothing and wash before reuse.
<b>Inhalation</b>	Ensure supply of fresh air. Remove the victim into fresh air and keep him calm. In the event of symptoms seek medical treatment. In case of respiratory arrest induce breathing with a respiratory device. Seek medical advice.
<b>Skin contact</b>	When in contact with the skin, clean with soap and water. In the event of symptoms seek medical treatment.
<b>Eye contact</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
<b>Ingestion</b>	Do not induce vomiting. Consult a doctor immediately.

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

If swallowed:  
Nausea, vomiting.  
Diarrhoea

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

If swallowed or in the event of vomiting, risk of product entering the lungs.  
Treat symptomatically.

### SECTION 5: Fire-fighting measures

#### 5.1 Extinguishing media

<b>Suitable extinguishing media</b>	foam, dry powder, water spray jet, carbon dioxide
<b>Extinguishing media that must not be used</b>	Full water jet

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

In the event of fire the following can be released:  
Carbon monoxide (CO)  
Not combusted hydrocarbons.  
Smoke

#### 5.3 Advice for firefighters

Do not inhale explosion and/or combustion gases.  
Use self-contained breathing apparatus.  
Cool containers at risk with water spray jet.  
Collect contaminated firefighting water separately, must not be discharged into the drains.  
Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.

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## SECTION 6: Accidental release measures

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

Ensure adequate ventilation.  
Wear suitable protective equipment. For personal protection see SECTION 8.  
Use breathing apparatus if exposed to aerosols.  
High risk of slipping due to leakage/spillage of product.  
Remove persons to safety.

### 6.2 Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers).  
Do not discharge into the drains/surface waters/groundwater.  
In case the product spills into drains/surface waters/groundwater, immediately inform the authorities.

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

Take up with absorbent material (e.g. oil binder).  
Dispose of absorbed material in accordance within the regulations.  
Clean contaminated areas afterwards thoroughly.

### 6.4 Reference to other sections

See SECTION 7+8+13

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Use only in well-ventilated areas.  
Avoid formation of oil dust.  
Avoid contact with eyes and skin. Use personal protective equipment.  
The product is combustible.  
This material is a static accumulator.  
Proper grounding and bonding procedures should be used during all bulk transfer operations.  
Take off contaminated clothing and wash before reuse.  
Cloths contaminated with product should not be kept in trouser pockets.  
Do not eat, drink, smoke or take drugs at work.  
Wash hands before breaks and after work.  
Use barrier skin cream.

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

Prevent penetration into the ground.  
Keep only in original container.  
  
Keep container in a well-ventilated place.  
Keep container tightly closed.  
Recommended storage temperature: room temperature.  
Protect from heat/overheating and from sun.

### 7.3 Specific end use(s)

See product use, SECTION 1.2

## SECTION 8: Exposure controls / personal protection

### 8.1 Control parameters

Ingredients with occupational  
exposure limits to be monitored  
(GHS)

not applicable

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## 8.2 Exposure controls

<b>Additional advice on system design</b>	Ensure adequate ventilation on workstation.
<b>Eye protection</b>	If there is a risk of splashing: Tightly fitting goggles (EN 166:2001).
<b>Hand protection</b>	Not required under normal conditions. In full contact: 0,35 mm, Neoprene, >480 min (EN 374-1/-2/-3). 0,35 mm, Nitrile rubber, >480 min (EN 374-1/-2/-3). PVC 0,35 mm, >480 min (EN 374-1/-2/-3). The details concerned are recommendations. Please contact the glove supplier for further information.
<b>Skin protection</b>	Protective clothing, antistatic (EN 340)
<b>Other</b>	Avoid contact with eyes and skin. Do not breathe vapour/spray.
<b>Respiratory protection</b>	Not required under normal conditions. If ventilation is insufficient, wear respiratory protection. Short term: filter apparatus, filter A. (DIN EN 14387)
<b>Thermal hazards</b>	not applicable
<b>Delimitation and monitoring of the environmental exposition</b>	Comply with applicable environmental regulations limiting discharge to air, water and soil.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

<b>Form</b>	liquid
<b>Color</b>	colourless
<b>Odor</b>	mild
<b>Odour threshold</b>	No information available.
<b>pH-value</b>	not applicable
<b>pH-value [1%]</b>	not applicable
<b>Boiling point [°C]</b>	No information available.
<b>Flash point [°C]</b>	250 °C / 482 °F
<b>Flammability (solid, gas) [°C]</b>	not applicable
<b>Lower explosion limit</b>	0,6 Vol. %
<b>Upper explosion limit</b>	7,0 Vol. %
<b>Oxidising properties</b>	none
<b>Vapour pressure/gas pressure [kPa]</b>	< 0,1 mm Hg (20 °C / 68 °F)
<b>Density [g/ml]</b>	0,842 (15 °C / 59,0 °F)
<b>Bulk density [kg/m³]</b>	not applicable
<b>Solubility in water</b>	insoluble
<b>Partition coefficient [n-octanol/water]</b>	> 6
<b>Viscosity</b>	41 mm²/s (40 °C / 104 °F)
<b>Relative vapour density determined in air</b>	No information available.
<b>Evaporation speed</b>	No information available.
<b>Melting point [°C]</b>	No information available.
<b>Autoignition temperature [°C]</b>	No information available.
<b>Decomposition temperature [°C]</b>	No information available.

### 9.2 Other information

Pour point: -12 °C / 10,4 °F

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No dangerous reactions known if used as directed.

### 10.2 Chemical stability

Stable under normal ambient conditions (ambient temperature).  
Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

Reactions with oxidizing agents.

### 10.4 Conditions to avoid

Excessive heating  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

### 10.5 Incompatible materials

Oxidizing agent

### 10.6 Hazardous decomposition products

No dangerous reactions known if used as directed.  
In the event of fire: See SECTION 5.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Substance
Destillates (petroleum), hydrotreated heavy paraffinic (containing < 3% DMSO-extract), CAS: 64742-54-7
LD50, dermal, Rabbit: > 5000 mg/kg.
LD50, oral, Rat: > 5000 mg/kg.
LC50, inhalative, Rat: > 5000 mg/l/4h.

<b>Serious eye damage/irritation</b>	Based on available data, the classification criteria are not met.
<b>Skin corrosion/irritation</b>	Based on available data, the classification criteria are not met.
<b>Respiratory or skin sensitisation</b>	Based on available data, the classification criteria are not met.
<b>Specific target organ toxicity — single exposure</b>	Based on available data, the classification criteria are not met.
<b>Specific target organ toxicity — repeated exposure</b>	Based on available data, the classification criteria are not met.
<b>Mutagenicity</b>	Based on available data, the classification criteria are not met.
<b>Reproduction toxicity</b>	Based on available data, the classification criteria are not met.
<b>Carcinogenicity</b>	Based on available data, the classification criteria are not met.
<b>Aspiration hazard</b>	Based on available data, the classification criteria are not met.
<b>General remarks</b>	May cause irritation of eye and skin. Has a degreasing effect on the skin.

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## SECTION 12: Ecological information

### 12.1 Toxicity

Substance
Destillates (petroleum), hydrotreated heavy paraffinic (containing < 3% DMSO-extract), CAS: 64742-54-7
EL50, (72h), Algae: > 100 mg/l.
EL50, (48h), Daphnia sp.: > 100 mg/l.
EL50, (96h), fish: > 100 mg/l.

### 12.2 Persistence and degradability

<b>Behaviour in environment compartments</b>	No information available.
<b>Behaviour in sewage plant</b>	No information available.
<b>Biological degradability</b>	Biodegradable.

### 12.3 Bioaccumulative potential

Bioaccumulation is potentially possible.

### 12.4 Mobility in soil

The product is insoluble in water.  
Product is immobilized by adsorption to soil particles.

### 12.5 Results of PBT and vPvB assessment

not applicable

### 12.6 Other adverse effects

Product will float on water.  
Do not discharge product unmonitored into the environment or into the drainage.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Waste must be disposed of in accordance with national and local environmental control regulations. Consult your local or regional authorities.

**Product** Coordinate disposal with the authorities if necessary.

**Contaminated packaging** Uncontaminated packaging may be taken for recycling.  
Packaging that cannot be cleaned should be disposed of as for product.

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#### SECTION 14: Transport information

##### 14.1 UN number

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

##### 14.2 UN proper shipping name

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG NOT CLASSIFIED AS "DANGEROUS GOODS"

Air transport in accordance with IATA NOT CLASSIFIED AS "DANGEROUS GOODS"

##### 14.3 Transport hazard class(es)

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

##### 14.4 Packing group

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

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#### 14.5 Environmental hazards

Transport by land according to ADR/RID no

Inland navigation (ADN) no

Marine transport in accordance with IMDG no

Air transport in accordance with IATA no

#### 14.6 Special precautions for user

Relevant information under SECTION 6 to 8.

#### 14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

not applicable

### SECTION 15: Regulatory information

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

**EEC-REGULATIONS** 1991/689 (2001/118); 2010/75; 2004/42; 648/2004; 1907/2006 (REACH); 1272/2008; 75/324/EEC (2016/2037/EC); (EU) 2015/830; (EU) 2016/131; (EU) 517/2014

**TRANSPORT-REGULATIONS** DOT-Classification, ADR (2019); IMDG-Code (2019, 39. Amdt.); IATA-DGR (2019)

##### NATIONAL REGULATIONS (GHS):

- Observe employment restrictions for people Observe employment restrictions for young people.

- VOC (2010/75/CE) 0 %

#### 15.2 Chemical safety assessment

not applicable



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## SECTION 16: Other information

### 16.1 Abbreviations and acronyms:

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route  
RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses  
ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure  
ATE = acute toxicity estimate  
CAS = Chemical Abstracts Service  
CLP = Classification, Labelling and Packaging  
DMEL = Derived Minimum Effect Level  
DNEL = Derived No Effect Level  
EC50 = Median effective concentration  
ECB = European Chemicals Bureau  
EEC = European Economic Community  
EINECS = European Inventory of Existing Commercial Chemical Substances  
ELINCS = European List of Notified Chemical Substances  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk  
IC50 = Inhibition concentration, 50%  
IMDG = International Maritime Code for Dangerous Goods  
IUCLID = International Uniform Chemical Information Database  
LC50 = Lethal concentration, 50%  
LD50 = Median lethal dose  
LC0 = lethal concentration, 0%  
LOAEL = lowest-observed-adverse-effect level  
MARPOL = International Convention for the Prevention of Marine Pollution from Ships  
NOAEL = No Observed Adverse Effect Level  
NOEC = No Observed Effect Concentration  
PBT = Persistent, Bioaccumulative and Toxic substance  
PNEC = Predicted No-Effect Concentration  
REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals  
STP = Sewage Treatment Plant  
TLV@/TWA = Threshold limit value – time-weighted average  
TLV@/STEL = Threshold limit value – short-time exposure limit  
VOC = Volatile Organic Compounds  
vPvB = very Persistent and very Bioaccumulative

### 16.2 Other information

Classification procedure

Modified position

none



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