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

1.1 Product identifier
Trade name/designation Viscolub Spezial

1.2 Relevant identified uses of the substance or mixture and uses advised against
Relevant identified uses
  Product categories [PC]
  PC24 Lubricants, greases, release products

1.3 Details of the supplier of the safety data sheet
Manufacturer
VISCOTEX Schmiertechnik AG
Industriestrasse 19
Schweiz-9450 Altstätten
Telephone: +41 71 757 60 70
Dept. responsible for information: info@viscotex.ch
www.viscotex.ch

1.4 Emergency telephone number
Tox Info Suisse
+41 44 251 51 51; Kurz-Nr. 145

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008 [CLP]
remark
The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

2.2 Label elements
No data available

2.3 Other hazards
Results of PBT and vPvB assessment
The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3: Composition / information on ingredients

3.1/3.2 Substances/Mixtures
No data available

Hazardous ingredients
SECTION 4: First aid measures

4.1 Description of first aid measures

Following inhalation
Remove casualty to fresh air and keep warm and at rest.

Following skin contact
Water and soap
In case of skin irritation, consult a physician.

After eye contact
Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

After ingestion
Rinse mouth thoroughly with water. Let water be drunken in little sips (dilution effect).

4.2 Most important symptoms and effects, both acute and delayed

No data available

4.3 Indication of any immediate medical attention and special treatment needed

Notes for the doctor
Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media
Carbon dioxide (CO2)
Extinguishing powder
Water spray jet

5.2 Special hazards arising from the substance or mixture

No data available

5.3 Advice for firefighters

Special protective equipment for firefighters
In case of fire: Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Personal precautions
Special danger of slipping by leaking/spilling product.

6.2 Environmental precautions

No data available
6.3 Methods and material for containment and cleaning up
No data available

6.4 Reference to other sections
No data available

SECTION 7: Handling and storage

7.1 Precautions for safe handling
Advices on general occupational hygiene
When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work.

7.2 Conditions for safe storage, including any incompatibilities
Hints on joint storage
Storage class
Non-combustible liquids
Further information on storage conditions
Protect against:
Frost
Heat
UV-radiation/sunlight

7.3 Specific end use(s)
Recommendation
Observe technical data sheet. Observe instructions for use.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters
No data available

8.2 Exposure controls
Personal protection equipment
Eye/face protection
Suitable eye protection:
Eye glasses with side protection
Skin protection
Suitable gloves type:
Disposable gloves
Suitable material:
NBR (Nitrile rubber)
Breakthrough time (maximum wearing time) >480 min
Thickness of the glove material >=0,4 mm
Recommended glove articles
DIN-/EN-Norms:
DIN EN 374

Respiratory protection
remark
Usually no personal respirative protection necessary.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance
Physical state
Gel

Colour
transparent
colourless

Odour
charakteristisch

<table>
<thead>
<tr>
<th>parameter</th>
<th>Method - source - remark</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>ca.10</td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>not determined</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>not determined</td>
</tr>
<tr>
<td>Flash point (°C)</td>
<td>not determined</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>not determined</td>
</tr>
<tr>
<td>flammability</td>
<td>not determined</td>
</tr>
<tr>
<td>Upper explosion limit</td>
<td>not determined</td>
</tr>
<tr>
<td>lower explosion limit</td>
<td>not determined</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>not determined</td>
</tr>
<tr>
<td>Vapour density</td>
<td>not determined</td>
</tr>
<tr>
<td>Relative density</td>
<td>$1 , \text{g/cm}^3$</td>
</tr>
<tr>
<td>Fat solubility (g/L)</td>
<td>not determined</td>
</tr>
<tr>
<td>Water solubility (g/L)</td>
<td>very soluble</td>
</tr>
<tr>
<td>Soluble (g/L) in</td>
<td>not determined</td>
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<td>parameter</td>
<td>Method - source - remark</td>
</tr>
<tr>
<td>-----------------------------------------------</td>
<td>--------------------------</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>not determined</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>not determined</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>not determined</td>
</tr>
<tr>
<td>Dynamic viscosity</td>
<td>&gt;2500 - &lt;5000 mPa*s</td>
</tr>
<tr>
<td>flow time</td>
<td>not determined</td>
</tr>
<tr>
<td>Kinematic viscosity</td>
<td>not determined</td>
</tr>
</tbody>
</table>

9.2 Other information
No data available

SECTION 10: Stability and reactivity

10.1 Reactivity
No information available.

10.2 Chemical stability
The product is stable under storage at normal ambient temperatures.

10.3 Possibility of hazardous reactions
No known hazardous reactions.

10.4 Conditions to avoid
No information available.

10.5 Incompatible materials
No information available.

10.6 Hazardous decomposition products
No information available.

SECTION 11: Toxicological information

11.1 Information on toxicological effects
No information available.

SECTION 12: Ecological information

12.1 Toxicity
No information available.

12.2 Persistence and degradability
No information available.
12.3 Bioaccumulative potential
No information available.

12.4 Mobility in soil
No information available.

12.5 Results of PBT and vPvB assessment
The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6 Other adverse effects
No information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Appropriate disposal / Package
The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

<table>
<thead>
<tr>
<th>Waste code product</th>
<th>070699</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazardous waste</td>
<td>No</td>
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<tr>
<td>Waste name</td>
<td>wastes not otherwise specified</td>
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</tbody>
</table>

SECTION 14: Transport information

<table>
<thead>
<tr>
<th></th>
<th>Land transport (ADR/RID)</th>
<th>Sea transport (IMDG)</th>
<th>Air transport (ICAO-TI / IATA-DGR)</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.1 UN-No.</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
</tr>
<tr>
<td>14.2 Proper Shipping Name</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
</tr>
<tr>
<td>14.3 Class(es)</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
</tr>
<tr>
<td>14.4 Packing group</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
</tr>
<tr>
<td>14.5 ENVIRONMENTALLY HAZARDOUS</td>
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<td>not applicable</td>
<td>not applicable</td>
</tr>
<tr>
<td>14.6 Special precautions for user</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
</tr>
<tr>
<td>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
</tr>
</tbody>
</table>

Additional information - Land transport (ADR/RID)

remark
Not classified for this transport way.
Additional information - Air transport (ICAO-TI / IATA-DGR)
remark
Not classified for this transport way.

Additional information
All transport carriers
No dangerous good in sense of these transport regulations.

SECTION 15: Regulatory information
15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2 Chemical Safety Assessment
For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information
Abbreviations and acronyms
See overview table at www.euphrac.eu

Additional information
The information available is based on our current state of knowledge. This SDS was exclusively compiled for this product and is intended exclusively for this product.