

# Material Safety Data Sheet

According to (EC) No 1907/2006 (REACH) and 1272/2008 (CLP)

## DECYLIS OLEAS

EN

FORM-06-14-01 (V00)

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### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product identifier

Product name: Decyl oleate  
Decylis oleas  
Decyloleaat  
Décyle (oléate de)  
Decyloleat

N° CAS: 3687-46-5

N° EC: 222-981-6

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

Identified uses: Active Pharmaceutical Ingredient or Excipient.

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

Company: Magis-Pharma NV  
Neerlandweg 24  
2610 Wilrijk  
Belgium

Telephone: (+32) (0)3 457 11 76

Email: info@magis-pharma.be

Web page: www.magis-pharma.be

#### 1.4 Emergency telephone number

Public utility foundation:	Belgisch Antigifcentrum	Centre Antipoisons Belge
Telephone:	(+32) (0)70 245 245	(Service 24/7)
Web page:	www.antigifcentrum.be	www.centreantipoisons.be

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance/mixture

##### Classification according to (EC) n° 1272/2008

This substance is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

#### 2.2 Label elements

##### Labelling according to (EC) n° 1272/2008

Hazard pictogram(s): Not applicable.

Signal word(s): Not applicable.

Hazard statements: Not applicable.

Precautionary statements: Not applicable.

Additional applicable label elements: Not applicable.

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### 2.3 Other hazards

The substance in the mixture does not meet the PBT/vPvB criteria according to REACH, annex XIII.

This mixture contains no substances of very high concern (SVHC) (>0,1%) which are included in the Candidate List according to Article 59 of REACH.

No risks worthy of mention. Please observe the information on the safety data sheet at all times.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Product name:	Decyl oleate
IUPAC name:	Decyl (Z)-octadec-9-enoate
Synonyms:	Cetiol V Oleic acid, decyl ester
N° CAS:	3687-46-5
N° EC:	222-981-6
Molecular Formula:	C <sub>28</sub> H <sub>54</sub> O <sub>2</sub>
Content:	100%

### 3.2 Mixtures

Not applicable.

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

General notes:	In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).
After inhalation:	In case of accident by inhalation: remove casualty to fresh air and keep at rest. In all cases of doubt, or when symptoms persist, seek medical advice.
After skin contact:	After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing. In case of skin irritation, consult a physician.
After eye contact:	Rinse immediately carefully and thoroughly with eye-bath or water. In case of troubles or persistent symptoms, consult an ophthalmologist.
After ingestion:	Do NOT induce vomiting. Rinse your mouth thoroughly with water. Let water be drunk in little sips (dilution effect). Never give anything by mouth to an unconscious person or a person with cramps. When in doubt or if symptoms are observed, get medical advice.

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

Not available.

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

Treat symptomatically.

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### SECTION 5: FIREFIGHTING MEASURES

#### 5.1 Extinguishing media

Suitable extinguishing media:	Sand, foam, carbon dioxide (CO <sub>2</sub> ), extinguishing powder. In case of major fire and large quantities: Water spray jet, water mist.
Unsuitable extinguishing media:	High power water jet.

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

- Burning produces heavy smoke.
- Can be released in case of fire: Carbon monoxide, carbon dioxide (CO<sub>2</sub>).

#### 5.3 Advice for firefighters

Surrounding fires:	In case of fire and/or explosion, do not breathe fumes. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Coordinate fire-fighting measures to the fire surroundings.
Protection against fire:	Wear a self-contained breathing apparatus and chemical protective clothing.
Hazardous combustion products:	Not available.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

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

##### For non-emergency personnel

Wear personal protection equipment (refer to section 8). Ventilate affected area. Special danger of slipping by leaking/spilling product.

##### For emergency responders

Wear personal protection equipment (refer to section 8). Ventilate affected area. Special danger of slipping by leaking/spilling product.

#### 6.2 Environmental precautions

Avoid release to the environment.

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

- Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
- Treat the recovered material as prescribed in the section on waste disposal.
- Clean contaminated objects and areas thoroughly observing environmental regulations.

#### 6.4 Reference to other sections

Not available.

### SECTION 7: HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

Precautions for safe handling:	Usual measures for fire prevention.
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Personal protection:	Wear suitable protective clothing (see section 8). Avoid contact with skin, eyes and clothes. Do not breathe vapour/aerosol. Advices on general occupational hygiene: See section 8.
Technical protective measures:	Not available.
Handling:	Not available.

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

Storage:	Only use containers specifically approved for the substance/product.
Conditions for safe storage, including any incompatibilities:	Keep the container tightly closed in a cool, well-ventilated place. Temperature control required. Do not allow contact with air. Storage temperature < 30°C.
Storage – away from:	Store protected from light. Do not store together with: gas, explosives, radioactive substances, infectious substances. Keep away from heat. Protect from moisture.

### 7.3 Specific end use(s)

Active Pharmaceutical Ingredient or Excipient

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

Not available.

### 8.2 Exposure controls

#### Appropriate engineering control

Provide adequate ventilation. Wash hands before breaks and after work.

#### Individual protection measures

Eye/face protection:	Safety goggles with side protection. In case of increased risk, add protective face shield. DIN EN 166.
Skin protection:	Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500.
Hand protection:	Use safety gloves of following materials: NBR (nitrile)/neopren/viton (permeationslevel 5 - 6), Cat. II according to norm EN 347/EN 388. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific workplace concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.
Respiratory protection:	With correct and proper use, and under normal conditions, breathing protection is not required.
Thermal hazards:	Not determined.

#### Environmental exposure control

Not available.

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### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1 Information on basic physical and chemical properties

Appearance:	Clear, pale yellow or colourless liquid.
Odour:	Characteristic.
Odour threshold:	Not available.
pH:	Not available.
Melting/freezing point:	Not available.
Initial boiling point:	411.3 °C (calculated)
Boiling range:	Not available.
Flash point:	215 °C
Evaporation rate:	Not available.
Flammability (solid/gas):	Not available.
Upper/lower flammability or explosive limits:	Not available.
Vapour pressure:	< 0.001 hPa (20 °C)
Vapour density:	Not available.
Relative density:	0.860 to 0.870
Solubility:	Miscible with ethanol (96 per cent), with methylene chloride and with light petroleum (boiling point: 40 – 60°C).
Solubility in water:	Practically insoluble in water: < 0.001 g/L (20 °C).
Partition coefficient (n-octanol/water):	12.4
Auto-ignition temperature:	Not available.
Decomposition temperature:	Not available.
Viscosity:	Dynamic: 15 - 20 mPa·s
Explosive properties:	Not available.
Oxidising properties:	Not available.

#### 9.2 Other information

Not available.

### SECTION 10: STABILITY AND REACTIVITY

#### 10.1 Reactivity

Not available.

#### 10.2 Chemical stability

Stable at ambient temperature.

#### 10.3 Possibility of hazardous reactions

No hazardous reactions known.

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### 10.4 Conditions to avoid

Not available.

### 10.5 Incompatible materials

Oxidising agent, strong.

### 10.6 Hazardous decomposition products

No hazardous decomposition products known.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Acute toxicity:	Based on available data, the classification criteria are not met.
Skin corrosion/irritation:	Based on available data, the classification criteria are not met.
Serious eye damage/irritation:	Based on available data, the classification criteria are not met.
Respiratory/skin sensitisation:	Based on available data, the classification criteria are not met.
Germ cell mutagenicity:	Based on available data, the classification criteria are not met.
Carcinogenicity:	Based on available data, the classification criteria are not met.
Reproductive toxicity:	Based on available data, the classification criteria are not met.
Summary of evaluation of the CMR properties:	Not available.
STOT-single exposure:	Based on available data, the classification criteria are not met.
STOT-repeated exposure:	Based on available data, the classification criteria are not met.
Aspiration Hazard:	Based on available data, the classification criteria are not met.
Other:	Not available.

### 11.2 Additional information on potential adverse human health effects and symptoms

Eye contact:	Not available.
Skin contact:	Not available.
Inhalation:	Not available.
Ingestion:	Not available.
Aspiration:	Not available.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity

Not available.

### 12.2 Persistence and degradability

Not available.

### 12.3 Bioaccumulative potential

No indication of bioaccumulative potential.

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### 12.4 Mobility in soil

Not available.

### 12.5 Results of PBT and vPvB assessment

The substance in the mixture does not meet the PBT/vPvB criteria according to REACH, annex XIII.

### 12.6 Other adverse effects

Not available.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Advice on disposal: Dispose of waste according to applicable legislation. Consult the local waste disposal expert about waste disposal. Non-contaminated packages may be recycled. The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

Waste disposal number of waste from residues/unused products: 070699 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified.

Waste disposal number of contaminated packaging: 150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances. Classified as hazardous waste.

Contaminated packaging: Treat contaminated packaging in the same way as the substance itself.

## SECTION 14: TRANSPORT INFORMATION

### Transport information according to ADR/RID/IMDG/ICAO/IATA

#### 14.1 UN Number

ADR/ RID(Land),IMDG(Sea),  
IATA/ICAO (Air) : Not classified.

#### 14.2 UN proper shipping name

ADR/ RID(Land),IMDG(Sea),  
IATA/ICAO (Air) : Not classified.

#### 14.3 Transport hazard class(es)

ADR/ RID(Land),IMDG(Sea),  
IATA/ICAO (Air) : Not classified.

#### 14.4 Packing group

ADR/ RID(Land),IMDG(Sea),  
IATA/ICAO (Air) : Not classified.

#### 14.5 Environmental hazards

ADR/ RID(Land),IMDG(Sea),  
IATA/ICAO (Air) : Environmentally hazardous: no.

#### 14.6 Special precautions for user

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Information for safe handling, see section 7.

Information for personal protective equipment, see section 8.

### 14.7 Transport in bulk according to annex II of Marpol and the IBC Code

Not relevant.

### 14.8 Additional transport information

No dangerous good in sense of this transport regulation.

## SECTION 15: REGULATORY INFORMATION

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

Hazard symbol: Not applicable.

Risk phrases: Not applicable.

Safety phrases: Not applicable.

### 15.2 Chemical safety assessment

A chemical safety assessment has not been carried out.

## SECTION 16: OTHER INFORMATION

### 16.1 Changes since the previous version

Not applicable.

### 16.2 Abbreviations and acronyms used

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
EC (number):	European Community (number)
IATA:	International Air Transport Association
ICAO:	International Civil Aviation Organization
IMDG:	International Maritime Code for Dangerous Goods
IUPAC:	International Union of Pure and Applied Chemistry
PBT:	Persistent, Bioaccumulative and Toxic substance
RID:	Regulations Concerning the International Transport of Dangerous Goods by Rail
STOT:	Specific Target Organ Toxicity
UN (number):	United Nations (number)
vPvB:	very Persistent and very Bioaccumulative

### 16.3 Key literature references/sources for data

European Chemicals Agency.

<https://www.echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database/>

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### 16.4 Method of classification in case of mixture

Not applicable.

### 16.5 Relevant Hazard statements and/or precautionary statements

For information on hazard and/or precautionary statements refer to section 2 up to and including section 15.

### 16.6 Training advisement

Not available.

### 16.7 Notice for user(s)

The information provided in this MSDS has been established in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015, amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council, on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94, as well as Council Directive 76/769/EEC and Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC of the Commission.

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### 16.8 Department issuing MSDS

Quality Department

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