

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : Lacq energol natural  
Revision date : 23.11.2015  
Print date : 23-11-2015

Version (Revision) : 6.0.0 (5.0.0)

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

### 1.1 Product identifier

Lacq energol natural (6400)

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

#### Relevant identified uses

#### Product Categories [PC]

PC9A - Coatings and paints, thinners, paint removers

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

#### Supplier (manufacturer/importer/only representative/downstream user/distributor)

Vliegenthart B.V.

**Street :** Zuiderhavenweg 42

**Postal code/city :** 4004 JJ TIEL

**Telephone :** +31 (0)344 63 33 36

**Telefax :** +31 (0)344 63 16 16

### 1.4 Emergency telephone number

+31 (0)344 63 33 36

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

None

### 2.2 Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

#### Special rules for supplemental label elements for certain mixtures

EUH208

Contains 2-BUTANONE OXIME ; HYDROCARBONS - TERPENE ; COBALT BIS(2-ETHYLHEXANOATE). May produce an allergic reaction.

EUH210

Safety data sheet available on request.

### 2.3 Other hazards

None

## SECTION 3: Composition / information on ingredients

### 3.2 Mixtures

#### Hazardous ingredients

HYDROCARBONS, C10 - C13, N-ALKANES, ISOALKANES, CYCLICS, < 2 AROMATICS ; REACH registration No. : 01-2119457273-39 ; EC No. : 918-481-9

Weight fraction :  $\geq 10$  - < 25 %

Classification 1272/2008 [CLP] : Asp. Tox. 1 ; H304

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DISTILLATES (PETROLEUM), HYDROTREATED LIGHT / Kerosine - UNSPECIFIED ; REACH registration No. : 01-2119484819-18 ; EC No. : 265-149-8 ; CAS No. : 64742-47-8

Weight fraction :  $\geq 2,5 - < 10 \%$   
Classification 1272/2008 [CLP] : Asp. Tox. 1 ; H304

HYDROCARBONS, C10-C13, ISOALKANES, CYCLICS, < 2% AROMATICS ; REACH registration No. : 01-2119474196-32 ; EC No. : 918-317-6

Weight fraction :  $< 2,5 \%$   
Classification 1272/2008 [CLP] : Asp. Tox. 1 ; H304

### Additional information

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

### 3.3 Additional information

All ingredients of this mixture are (pre)registered according to REACH regulation.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information

When in doubt or if symptoms are observed, get medical advice. Never give anything by mouth to an unconscious person or a person with cramps.

#### Following inhalation

If breathing is irregular or stopped, administer artificial respiration.

#### In case of skin contact

After contact with skin, wash immediately with plenty of water and soap. Do not wash with: Solvents/Thinner

#### After eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

#### After ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Do NOT induce vomiting. Keep at rest.

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

No information available.

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

None

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

alcohol resistant foam Extinguishing powder Carbon dioxide (CO<sub>2</sub>) Sand Water mist

#### Unsuitable extinguishing media

Full water jet

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

None

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## 5.3 Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

## 5.4 Additional information

Burning produces heavy smoke. Do not allow run-off from fire-fighting to enter drains or water courses. Use water spray jet to protect personnel and to cool endangered containers.

## SECTION 6: Accidental release measures

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

Remove all sources of ignition. Provide adequate ventilation. Wear breathing apparatus if exposed to vapours/dusts/aerosols. See protective measures under point 7 and 8.

### 6.2 Environmental precautions

Do not allow to enter into surface water or drains. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

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

#### For cleaning up

Treat the recovered material as prescribed in the section on waste disposal. Clean with detergents. Avoid solvent cleaners.

### 6.4 Reference to other sections

None

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling



#### Protective measures

Only use the material in places where open light, fire and other flammable sources can be kept away. Wear personal protection equipment (refer to section 8). If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

#### Measures to prevent fire

Vapours are heavier than air, spread along floors and form explosive mixtures with air. Vapours can form explosive mixtures with air.

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

#### Requirements for storage rooms and vessels

Keep container tightly closed. Ensure adequate ventilation of the storage area. Restrict access to stockrooms.

### 7.3 Specific end use(s)

None

## SECTION 8: Exposure controls/personal protection

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## 8.1 Control parameters

None

## 8.2 Exposure controls

### Appropriate engineering controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL (=Occupational Exposure Limit) , suitable respiratory protection must be worn.

### Personal protection equipment

#### Eye/face protection



Eye glasses with side protection

#### Skin protection

##### Hand protection



NR (natural rubber, natural latex) DIN EN 374

##### Body protection

For the protection against direct skin contact, body protective clothing is essential (in addition to the usual working clothes).

##### Respiratory protection

Respiratory protection necessary at: exceeding exposure limit values If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

**Colour :** Colourless.

**Odour :** Characteristic.

#### Safety relevant basis data

<b>Physical state :</b>				liquid
<b>Melting point/melting range :</b>				No data available
<b>Initial boiling point and boiling range :</b>	( 1013 hPa )			Not determined
<b>Decomposition temperature :</b>	( 1013 hPa )			Not determined
<b>Flash point :</b>		>	61 °C	CC
<b>Ignition temperature :</b>				Not determined
<b>Lower explosion limit :</b>				Not determined
<b>Upper explosion limit :</b>				Not determined
<b>Density :</b>	( 20 °C )	ca.		0,912 g/cm <sup>3</sup>
<b>Water solubility :</b>	( 20 °C )			insoluble
<b>pH :</b>				not applicable

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**log P O/W :** not determined  
**Viscosity :** ( 20 °C ) Not determined  
**Cinematic viscosity :** ( 40 °C ) not determined  
**Odour threshold :** not determined  
**Vapourisation rate :** not determined  
**Oxidising liquids :** Not determined.

## 9.2 Other information

None

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No information available.

### 10.2 Chemical stability

No information available.

### 10.3 Possibility of hazardous reactions

No information available.

### 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

#### Acute effects

##### Acute oral toxicity

Parameter : LD50 ( HYDROCARBONS, C10 - C13, N-ALKANES, ISOALKANES, CYCLICS, < 2 AROMATICS )

Exposure route : Oral

Species : Rat

Effective dose : > 5000 mg/kg

Parameter : LD50 ( HYDROCARBONS, C10-C13, ISOALKANES, CYCLICS, < 2% AROMATICS )

Exposure route : Oral

Species : Rat

Effective dose : > 5000 mg/kg

Parameter : LD50 ( 2-BUTANONE OXIME ; CAS No. : 96-29-7 )

Exposure route : Oral

Species : Rat

Effective dose : 930 mg/l

##### Acute dermal toxicity

Parameter : LD50 ( HYDROCARBONS, C10 - C13, N-ALKANES, ISOALKANES, CYCLICS, < 2 AROMATICS )

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Exposure route : Dermal  
Effective dose : > 5000 mg/kg  
Parameter : LD50 ( HYDROCARBONS, C10-C13, ISOALKANES, CYCLICS, < 2% AROMATICS )  
Exposure route : Dermal  
Species : Rabbit  
Effective dose : > 5000 mg/kg  
Parameter : LD50 ( 2-BUTANONE OXIME ; CAS No. : 96-29-7 )  
Exposure route : Dermal  
Species : Rabbit  
Effective dose : 1000 - 2000 mg/kg

### Acute inhalation toxicity

Parameter : LC50 ( HYDROCARBONS, C10-C13, ISOALKANES, CYCLICS, < 2% AROMATICS )  
Exposure route : Inhalation  
Species : Rat  
Effective dose : > 5000 mg/m<sup>3</sup>  
Parameter : LC50 ( 2-BUTANONE OXIME ; CAS No. : 96-29-7 )  
Exposure route : Inhalation  
Species : Rat  
Effective dose : > 4,83 mg/l

### Sensitisation

#### In case of inhalation

### 11.5 Additional information

The statement is derived from the properties of the single components.

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Aquatic toxicity

##### Acute (short-term) fish toxicity

Parameter : LC50 ( COBALT BIS(2-ETHYLHEXANOATE) ; CAS No. : 136-52-7 )  
Species : Acute (short-term) fish toxicity  
Effective dose : 0,1 - 1 mg/l  
Exposure time : 96 h

##### Acute (short-term) daphnia toxicity

Parameter : EC50 ( COBALT BIS(2-ETHYLHEXANOATE) ; CAS No. : 136-52-7 )  
Species : Acute (short-term) daphnia toxicity  
Effective dose : 0,1 - 1 mg/l

##### Acute (short-term) algae toxicity

Parameter : EC50 ( COBALT BIS(2-ETHYLHEXANOATE) ; CAS No. : 136-52-7 )  
Species : Acute (short-term) algae toxicity  
Effective dose : 0,1 - 1 mg/l

### 12.2 Persistence and degradability

No information available.

### 12.3 Bioaccumulative potential

No information available.

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## 12.4 Mobility in soil

No information available.

## 12.5 Results of PBT and vPvB assessment

No information available.

## 12.6 Other adverse effects

No information available.

## 12.7 Additional ecotoxicological information

### Additional information

Product should not be released into water without pre-treatment (biological sewage plant).

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Product/Packaging disposal

##### Waste treatment options

##### Appropriate disposal / Package

Contaminated packages must be completely emptied and can be re-used following proper cleaning.

## SECTION 14: Transport information

### 14.1 UN number

No dangerous goods in sense of this transport regulation.

### 14.2 UN proper shipping name

No dangerous goods in sense of this transport regulation.

### 14.3 Transport hazard class(es)

No dangerous goods in sense of this transport regulation.

### 14.4 Packing group

No dangerous goods in sense of this transport regulation.

### 14.5 Environmental hazards

No dangerous goods in sense of this transport regulation.

### 14.6 Special precautions for user

None

## SECTION 15: Regulatory information

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

None

### 15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this preparation were not carried out.

## SECTION 16: Other information

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## 16.1 Indication of changes

02. Classification of the substance or mixture · 02. Label elements · 02. Special rules for supplemental label elements for certain mixtures · 03. Hazardous ingredients

## 16.2 Abbreviations and acronyms

None

## 16.3 Key literature references and sources for data

None

## 16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]

No information available.

## 16.5 Relevant H- and EUH-phrases (Number and full text)

H304 May be fatal if swallowed and enters airways.

## 16.6 Training advice

None

## 16.7 Additional information

None

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.