

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 : ≥ 10 - < 25 %

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

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DISTILLATES (PETROLEUM), HYDROTREATED LIGHT / KEROSENE - 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 (CO₂) Sand Water mist

Unsuitable extinguishing media

Full water jet

5.2 Special hazards arising from the substance or mixture

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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

Physical state :				liquid
Melting point/melting range :				No data available
Initial boiling point and boiling range :	(1013 hPa)			Not determined
Decomposition temperature :	(1013 hPa)			Not determined
Flash point :		>	61 °C	CC
Ignition temperature :				Not determined
Lower explosion limit :				Not determined
Upper explosion limit :				Not determined
Density :	(20 °C)	ca.	0,912	g/cm ³
Water solubility :	(20 °C)			insoluble
pH :				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/m³
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.