

Safety Data Sheet

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



Trade name : Lacq bitumax
Revision date : 31.05.2017
Print date : 01-06-2017

Version (Revision) : 2.0.0 (1.0.0)

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

1.1 Product identifier

Lacq bitumax (6010)

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]

Aquatic Chronic 2 ; H411 - Hazardous to the aquatic environment : Chronic 2 ; Toxic to aquatic life with long lasting effects.

Flam. Liq. 3 ; H226 - Flammable liquids : Category 3 ; Flammable liquid and vapour.

Lact. ; H362 - Reproductive toxicity ; May cause harm to breast-fed children.

STOT SE 3 ; H335 - STOT-single exposure : Category 3 ; May cause respiratory irritation.

STOT SE 3 ; H336 - STOT-single exposure : Category 3 ; May cause drowsiness or dizziness.

STOT RE 1 ; H372 - STOT-repeated exposure : Category 1 ; Causes damage to organs through prolonged or repeated exposure.

2.2 Label elements

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

Hazard pictograms



Flame (GHS02) · Health hazard (GHS08) · Environment (GHS09) · Exclamation mark (GHS07)

Signal word

Danger

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Hazard components for labelling

NAPHTHA (PETROLEUM), HYDRODESULFURIZED HEAVY ; CAS No. : 64742-82-1
SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM. / LOW BOILING POINT NAPHTHA - UNSPECIFIED ; CAS No. : 64742-95-6

Hazard statements

H226 Flammable liquid and vapour.
H372 Causes damage to organs through prolonged or repeated exposure.
H362 May cause harm to breast-fed children.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P201 Obtain special instructions before use.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P312 Call a POISON CENTER/doctor/.../ if you feel unwell.
P308+P313 IF exposed or concerned: Get medical advice/attention.
P403+P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.

2.3 Other hazards

None

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous ingredients

NAPHTHA (PETROLEUM), HYDRODESULFURIZED HEAVY ; REACH registration No. : 01-2119458049 ; EC No. : 265-185-4; CAS No. : 64742-82-1

Weight fraction : $\geq 10 - < 25$ %
Classification 1272/2008 [CLP] : Asp. Tox. 1 ; H304 STOT RE 1 ; H372

SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM. / LOW BOILING POINT NAPHTHA - UNSPECIFIED ; EC No. : 265-199-0; CAS No. : 64742-95-6

Weight fraction : $\geq 20 - < 25$ %
Classification 1272/2008 [CLP] : Flam. Liq. 3 ; H226 Asp. Tox. 1 ; H304 STOT SE 3 ; H335 STOT SE 3 ; H336 Aquatic Chronic 2 ; H411

ALKANES, C14-17, CHLORO ; EC No. : 287-477-0; CAS No. : 85535-85-9

Weight fraction : $\geq 3 - < 10$ %
Classification 1272/2008 [CLP] : Lact. ; H362 Aquatic Acute 1 ; H400 Aquatic Chronic 1 ; H410

XYLENE ; REACH registration No. : 01-2119488216-32 ; EC No. : 215-535-7; CAS No. : 1330-20-7

Weight fraction : $\geq 2,5 - < 10$ %
Classification 1272/2008 [CLP] : Flam. Liq. 3 ; H226 Acute Tox. 4 ; H312 Acute Tox. 4 ; H332 Skin Irrit. 2 ; H315

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.

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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

High power water jet

5.2 Special hazards arising from the substance or mixture

None

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.

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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.

Hints on joint storage

Storage class : 3

Storage class (TRGS 510) : 3

7.3 Specific end use(s)

None

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

ALKANES, C14-17, CHLORO ; CAS No. : 85535-85-9

Limit value type (country of origin) : TRGS 900 (D)

Parameter : E: inhalable fraction

Limit value : 0,3 ppm / 6 mg/m³

Peak limitation : 8(II)

Remark : H, Y

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Version : 04-11-2017
XYLENE ; CAS No. : 1330-20-7
Limit value type (country of origin) : TRGS 900 (D)
Limit value : 100 ppm / 440 mg/m³
Peak limitation : 2(II)
Remark : H
Version : 01-06-2008
Limit value type (country of origin) : STEL (EC)
Limit value : 100 ppm / 442 mg/m³
Remark : H
Version : 08-06-2000
Limit value type (country of origin) : TWA (EC)
Limit value : 50 ppm / 221 mg/m³
Remark : H
Version : 08-06-2000

Biological limit values

XYLENE ; CAS No. : 1330-20-7
Limit value type (country of origin) : TRGS 903 (D)
Parameter : Xylene / Whole blood (B) / End of exposure or end of shift
Limit value : 1,5 mg/l
Version : 31-03-2004
Limit value type (country of origin) : TRGS 903 (D)
Parameter : Methylhippuric acid / Urine (U) / End of exposure or end of shift
Limit value : 2 g/l
Version : 31-03-2004

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 Thickness of the glove material => 0,4 mm
Breakthrough time (maximum wearing time) > 30 min

Body protection

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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 : light brown

Odour : characteristic

Safety relevant basis data

Physical state :			liquid
Melting point/melting range :			No data available
Initial boiling point and boiling range :	(1013 hPa)	142	°C
Decomposition temperature :	(1013 hPa)		Not determined
Flash point :		36	°C CC
Ignition temperature :		240	°C
Lower explosion limit :		0,6	Vol-%
Upper explosion limit :		7	Vol-%
Vapour pressure :	(50 °C)	<	1000 hPa
Density :	(20 °C)	approx.	1,07 g/cm ³
Water solubility :	(20 °C)		Not determined
pH :			not applicable
log P O/W :			not determined
Viscosity :	(20 °C)		Not determined
Odour threshold :			not determined
Evaporation rate :			not determined
Oxidising liquids :	Not relevant.		

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

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No information available.

10.6 Hazardous decomposition products

No information available.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

No information available.

11.5 Additional information

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

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

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

UN 1263

14.2 UN proper shipping name

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Land transport (ADR/RID)

PAINT RELATED MATERIAL

Sea transport (IMDG)

PAINT RELATED MATERIAL (ALKANES, C14-17, CHLORO)

Air transport (ICAO-TI / IATA-DGR)

PAINT RELATED MATERIAL

14.3 Transport hazard class(es)

Land transport (ADR/RID)

Class(es) : 3
Classification code : F1
Hazard identification number (Kemler No.) : 30
Tunnel restriction code : D/E
Special provisions : LQ 51 · E 1
Hazard label(s) : 3 / N

Sea transport (IMDG)

Class(es) : 3
EmS-No. : F-E / ~~S-E~~
Special provisions : LQ 51 · E 1
Hazard label(s) : 3 / N

Air transport (ICAO-TI / IATA-DGR)

Class(es) : 3
Special provisions : E 1
Hazard label(s) : 3

14.4 Packing group

III

14.5 Environmental hazards

Land transport (ADR/RID) : Yes

Sea transport (IMDG) : Yes (P)

Air transport (ICAO-TI / IATA-DGR) : Yes

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

National regulations

Water hazard class (WGK)

Class : 2 (Hazardous to water) Classification according to VwVwS

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. Labelling according to Regulation (EC) No. 1272/2008 [CLP] · 02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] - Hazard components for labelling · 07. Hints on joint storage - Storage class · 14. UN proper shipping name - Land transport (ADR/RID) · 14. UN proper shipping name - Sea transport (IMDG) · 14. UN proper shipping name - Air transport (ICAO-TI / IATA-DGR) · 14. Transport hazard class(es) - Land transport (ADR/RID) · 14. Transport hazard class(es) - Sea transport (IMDG) · 14. Transport hazard class(es) - Air transport (ICAO-TI / IATA-DGR)

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) No 1272/2008 [CLP]

No information available.

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

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H362	May cause harm to breast-fed children.
H372	Causes damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

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