SAFETY DATA SHEET

Brake Clean bulk

The safety data sheet is 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, Authorisation and Restriction of Chemicals (REACH)

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

Date issued	06.01.2017
Revision date	13.09.2018

1.1. Product identifier

Product name	Brake Clean bulk
Article no.	25106-11; 25106-2

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

Product group	PROFESSIONAL CLEANING SYSTEM
Use of the substance / preparation	Cleaning agent. Degreasing Engine cleaner.
Relevant identified uses	SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites SU22 Professional uses: publicly accessible (administration, education, entertainment, services, craftsmen)
The chemical can be used by the general public	No

1.3. Details of the supplier of the safety data sheet

Manufacturer

Company name	VEIDEC AB
Postal address	Videvägen 9
Postcode	247 64
City	Veberöd
Country	SVERIGE
Telephone number	+46 46 23 89 00
Fax	+46 46 23 89 09
Email	nina.mandahl@veidec.se

Tel: +45 63 12 83 00 | Email: ps@hymatik.com | www.hymatik.com | Hvidkaervej 27a, DK-5250 Odense SV, Denmark

Website	http://www.veidec.com
Contact person	Nina Mandahl

1.4. Emergency telephone number

Emergency telephone	Telephone number: 112 Description: SOS

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP / GHS]	Flam. Liq. 2; H225 Asp. tox. 1; H304 Skin Irrit. 2; H315 Eye Irrit. 2; H319 STOT SE 3; H336 Aquatic Chronic 2; H411

2.2. Label elements

Hazard pictograms (CLP)



Composition on the label	Hydrocarbons, C7, n-alkanes, iso-alkanes, cyclic (<0,1% benzene CAS 71-43-2) 30 – 50 %, Hydrocarbons, C6, iso-alkanes, <5% n-hexane (<0,1% benzene CAS 71-43-2) 15 – 30 %
Signal word	Danger
Hazard statements	H225 Highly flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. H411 Toxic to aquatic life with long lasting effects.
Precautionary statements	P210 Keep away from heat / sparks / open flames / hot surfaces. – No smoking. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor / physician. P331 Do NOT induce vomiting. P261 Avoid breathing spray. P403+P233 Store in a well-ventilated place. Keep container tightly closed.

2.3. Other hazards

Other hazards	No information.

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SECTION 3: Composition / information on ingredients

3.2. Mixtures

Substance	Identification	Classification	Contents	Notes
Hydrocarbons, C7, n-alkanes, iso-alkanes, cyclic (<0,1% benzene CAS 71-43-2)	EC No.: 927-510-4 REACH Reg. No.: 01-2119475515-33	Flam. Liq. 2; H225 Asp. tox 1; H304 Skin Irrit. 2; H315 STOT SE3; H336 Aquatic Chronic 2; H411	30 – 50 %	
Hydrocarbons, C6, iso-alkanes, <5% n-hexane (<0,1% benzene CAS 71-43-2)	EC No.: 931-254-9 REACH Reg. No.: 01-2119484651-34	Flam. Liq. 2; H225 Asp. tox 1; H304 Skin Irrit. 2; H315 STOT SE3; H336 Aquatic Chronic 2; H411	15 – 30 %	
Ethanol	CAS No.: 64-17-5 EC No.: 200-578-6 Index No.: 603-002-00-5	Flam. Liq. 2; H225;	15 – 30 %	
Acetone	CAS No.: 67-64-1 EC No.: 200-662-2 Index No.: 606-001-00-8	Flam. Liq. 2; H225; Eye Irrit. 2; H319; STOT SE 3; H336;	5 – 15 %	
Cyclohexane	CAS No.: 110-82-7 EC No.: 203-806-2 Index No.: 601-017-00-1	Flam. Liq. 2; H225; Asp. tox. 1; H304; Skin Irrit. 2; H315; STOT SE 3; H336; Aquatic Acute 1; H400; M-factor 1; Aquatic Chronic 1; H410; M-factor 1;	< 5 %	
n-Hexane	CAS No.: 110-54-3 EC No.: 203-777-6 Index No.: 601-037-00-0	Flam. Liq. 2; H225; Repr. 2; H361f; Asp. tox. 1; H304; STOT RE 2; H373; Skin Irrit. 2; H315; STOT SE 3; H336; Aquatic Chronic 2; H411;	< 5 %	

Description of the mixture	Content in accordance with 648/2004/EC: >30 % aliphatic hydrocarbons.
Remarks, substance	The full text for all hazard statements is displayed in section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General	Contact physician if discomfort continues.
Inhalation	Fresh air.
Skin contact	Gently wash with plenty of soap and water.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Ingestion	Do NOT induce vomiting. Contact physician if larger quantity has been consumed.

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

General symptoms and effects	None known.
Acute symptoms and effects	May cause lung damage if swallowed.

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

Separate first aid equipment	No recommendation given.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Water spray, foam, dry powder or carbon dioxide.
Improper extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

5.3. Advice for firefighters

Fire fighting procedures	Follow the general fire precautions indicated by the workplace.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal protection measures	Ventilate well.

6.2. Environmental precautions

Environmental precautionary measures	Do not discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Containment	Not relevant.
Clean up	Collect with absorbent, non-combustible material into suitable containers.

6.4. Reference to other sections

Additional information	For personal protection, see section 8. For waste disposal, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling	Provide good ventilation.

Protective safety measures

Safety measures to prevent fire	Take precautionary measures against static discharges.

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7.2. Conditions for safe storage, including any incompatibilities

Storage	Store in a well-ventilated place. Keep container tightly closed.

Conditions for safe storage

Advice on storage compatability	Keep flammable liquids away from flammable gas and highly flammable goods.

7.3. Specific end use(s)

Specific use(s)	No recommendation given.

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Substance	Identification	Exposure limits	TWA Year
Ethanol	CAS No.: 64-17-5	Limit value (8 h) : 1000 ppm Limit value (8 h) : 1920 mg/m³	
Acetone	CAS No.: 67-64-1	Limit value (8 h) : 500 ppm Limit value (8 h) : 1210 mg/m³ **Limit value (short term)** Value: 1500 ppm **Limit value (short term)** Value: 3620 mg/m³	
Cyclohexane	CAS No.: 110-82-7	Limit value (8 h) : 100 ppm Limit value (8 h) : 350 mg/m³ **Limit value (short term)** Value: 300 ppm **Limit value (short term)** Value: 1050 mg/m³	
n-Hexane	CAS No.: 110-54-3	Limit value (8 h) : 20 ppm Limit value (8 h) : 72 mg/m³	

Other Information about threshold limit values	Not relevant.

8.2. Exposure controls

Precautionary measures to prevent exposure

Appropriate engineering controls	No special precautions.

Eye / face protection

Suitable eye protection	Wear approved chemical safety goggles where eye exposure is reasonably probable.
Additional eye protection measures	Eyewash bottle with clean water.

Hand protection

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Skin- / hand protection, short term contact	Under normal conditions of use gloves are not normally required.
Skin- / hand protection, long term contact	For prolonged or repeated skin contact use suitable protective gloves.
Suitable materials	Butyl rubber.
Breakthrough time	Value: >480'
Thickness of glove material	Value: 0,7 mm

Skin protection

Suitable protective clothing	Not relevant.

Respiratory protection

Tasks needing respiratory protection	In case of inadequate ventilation wear respiratory protection.
Recommended type of equipment	ABEK

Hygiene / environmental

Specific hygiene measures	Wash at the end of each work shift and before eating, smoking and using the toilet.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid.
Odour	Characteristic.
pH	Comments: Not relevant.
Melting point / melting range	Value: 0 °C
Boiling point / boiling range	Value: 57 – 95 °C
Flash point	Value: -20 °C
Vapour pressure	Value: 19000 Pa
Relative density	Value: 0,704 g/ml
Auto-ignition temperature	Value: 413 °C
Viscosity	Value: 1 mPa.s

9.2. Other information

Other physical and chemical properties

Comments	VOC 100%

SECTION 10: Stability and reactivity

10.1. Reactivity

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Reactivity	No specific conditions are likely to result in a hazardous situation.

10.2. Chemical stability

Stability	Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	No data recorded.

10.4. Conditions to avoid

Conditions to avoid	Avoid exposure to high temperatures or direct sunlight.

10.5. Incompatible materials

Materials to avoid	None in particular.

10.6. Hazardous decomposition products

Hazardous decomposition products	None under normal conditions.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Other information regarding health hazards

Inhalation	Vapours may cause drowsiness and dizziness.
Skin contact	Prolonged or repeated contact may cause irritation.
Eye contact	May cause temporary eye irritation.
Ingestion	Harmful: may cause lung damage if swallowed.

SECTION 12: Ecological information

12.1. Toxicity

Aquatic, comments	Toxic to aquatic life with long lasting effects.

12.2. Persistence and degradability

Persistence and degradability, comments	No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential	No data available on bioaccumulation.

12.4. Mobility in soil

Mobility	No data recorded.

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12.5. Results of PBT and vPvB assessment

PBT assessment results	Not Classified as PBT/vPvB by current EU criteria.

12.6. Other adverse effects

Environmental details, summation	No recommendation given.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

EWC waste code	EWC waste code: 140603 other solvents and solvent mixtures Classified as hazardous waste: Yes
EWL packing	EWC waste code: 150110 packaging containing residues of or contaminated by dangerous substances Classified as hazardous waste: Yes

SECTION 14: Transport information

14.1. UN number

ADR/RID/ADN	1206
IMDG	1206
ICAO/IATA	1206

14.2. UN proper shipping name

Proper shipping name English ADR/RID/ADN	HEPTANES
ADR/RID/ADN	HEPTANES
IMDG	HEPTANES
ICAO/IATA	HEPTANES

14.3. Transport hazard class(es)

ADR/RID/ADN	3
Classificaton code ADR/RID/ADN	F1
IMDG	3
ICAO/IATA	3

14.4. Packing group

ADR/RID/ADN	II
IMDG	II
ICAO/IATA	II

14.5. Environmental hazards

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IMDG Marine pollutant	Yes

14.6. Special precautions for user

14.7. Maritime transport in bulk according to IMO instruments

Product name	HEPTANES

Additional information

Hazard label ADR/RID/ADN	3
Hazard label IMDG	3
Hazard label ICAO/IATA	3

ADR/RID Other information

Tunnel restriction code	D/E
Transport category	2
Hazard No.	33
Other applicable information ADR/RID	33

IMDG Other information

EmS	F-E, S-D

SECTION 15: Regulatory information

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

Legislation and regulations	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a 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 Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. 1272/2008/EC on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006. 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, Authorisation and Restriction of Chemicals (REACH)

15.2. Chemical safety assessment

Chemical safety assessment performed	No

SECTION 16: Other information

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List of relevant H-phrases (Section 2 and 3)	H225 Highly flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. H361f Suspected of damaging fertility. H373 May cause 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.
Classification according to Regulation (EC) No 1272/2008 [CLP / GHS]	Flam. Liq. 2; H225 Asp. tox. 1; H304 Skin Irrit. 2; H315 Eye Irrit. 2; H319 STOT SE 3; H336 Aquatic Chronic 2; H411
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Prepared by	Nina Mandahl

Tel: +45 63 12 83 00 | Email: ps@hymatik.com | www.hymatik.com | Hvidkaervej 27a, DK-5250 Odense SV, Denmark