

according to Regulation (EC) No 1907/2006

va-Q-accu +04G

Revision date: 03.09.2018

Product code: VQT011

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

1.1. Product identifier

va-Q-accu +04G

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

Use of the substance/mixture

heat / cold accumulator

The product is designed exclusively for industrial and commercial use.

Va-Q-accu +04G is an article according to the REACH regulation. For articles, the preparation of a safety data sheet or a CLP labeling is not required. This safety data sheet describes the filling of the va-Q-accu +04G.

Uses advised against

The product is only to be used for the intended application.

1.3. Details of the supplier of the safety data sheet

Company name:	va-Q-tec AG	
Street:	Alfred-Nobel-Straße 33	
Place:	D-97080 Wuerzburg	
Telephone:	+49 (0)931 35942 0	Telefax: +49 (0)931 35942 10
e-mail:	info@va-Q-tec.com	
Internet:	www.va-Q-tec.com	
Responsible Department:	Quality assurance:	
	PHONE: +49 (0)931 35942 0	
	FAX: +49 (0)931 35942 10	
	MAIL: info@va-Q-tec.com	

1.4. Emergency telephone number:

Poison centre Munich:
+49 (0)89 19240 (24h, german and english)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories:

Aspiration hazard: Asp. Tox. 1

Hazard Statements:

May be fatal if swallowed and enters airways.

2.2. Label elements

Regulation (EC) No. 1272/2008

Hazard components for labelling

Hydrocarbons, C14-C15, n-alkanes, <2% aromatics

Signal word: Danger

Pictograms:



Hazard statements

H304 May be fatal if swallowed and enters airways.

Precautionary statements

P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331	Do NOT induce vomiting.
P405	Store locked up.

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P502 Refer to manufacturer or supplier for information on recovery or recycling.

Special labelling of certain mixtures

EUH066 Repeated exposure may cause skin dryness or cracking.

Additional advice on labelling

There is no requirement for the product to be specially labelled according to EC directives or the corresponding national laws.

2.3. Other hazards

This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
64771-72-8	Hydrocarbons, C14-C15, n-alkanes, <2% aromatics			90 - <= 100 %
	928-868-4		01-2119977112-40	
	Asp. Tox. 1; H304 EUH066			

Full text of H and EUH statements: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

No special first aid measures necessary.

After inhalation

Exposure by the respiratory tract is unlikely in its present form.

After contact with skin

Remove contaminated, saturated clothing immediately. After contact with skin, wash immediately with plenty of water and soap. If skin irritation occurs: Get medical advice/attention.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing.

After ingestion

Do NOT induce vomiting. IF SWALLOWED: Immediately call a doctor.

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

Not hazardous to health when used as intended. Danger of aspiration.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media

Full water jet

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5.2. Special hazards arising from the substance or mixture

The product itself does not burn.

5.3. Advice for firefighters

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

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Avoid contact with skin, eyes and clothes.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

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 articles and floor according to the environmental legislation.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

Avoid contact with skin, eyes and clothes. Wear personal protection equipment (refer to section 8).

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep container tightly closed in a cool, well-ventilated place.

Advice on storage compatibility

Keep away from food, drink and animal feedingstuffs.

7.3. Specific end use(s)

heat / cold accumulator

The product is designed exclusively for industrial and commercial use.

Va-Q-accu +04G is an article according to the REACH regulation. For articles, the preparation of a safety data sheet or a CLP labeling is not required. This safety data sheet describes the filling of the va-Q-accu +04G.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Additional advice on limit values**

Currently there are no exposure limits available.

8.2. Exposure controls**Protective and hygiene measures**

Avoid contact with skin, eyes and clothes.

Remove contaminated, saturated clothing immediately.

When using do not eat or drink.

Wash hands before breaks and after work.

Wash hands before breaks and after work.

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Eye/face protection

Under normal usage conditions, not necessary.
At the place of work (in production and when refilling): Tightly sealed safety glasses.

Hand protection

Under normal usage conditions, not necessary.
At the place of work (in production and when refilling): Tested protective gloves must be worn.
Suitable material: NBR (Nitrile rubber). PVC (Polyvinyl chloride). NR (Natural rubber (Caoutchouc), Natural latex).
penetration time (maximum wearing period): >8h
Thickness of glove material: 0,35 mm NBR (Nitrile rubber). | 0,5 mm PVC (Polyvinyl chloride). | 0,5 mm NR (Natural rubber (Caoutchouc), Natural latex).
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.

Skin protection

Wear suitable protective clothing. Long-sleeved working clothes are recommended.

Respiratory protection

In case of inadequate ventilation wear respiratory protection. Within the recommended use and adequate ventilation no respiratory protection is necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	blue
Odour:	characteristic

Test method

pH-Value:	not applicable
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Changes in the physical state

Melting point:	2-8 °C
Initial boiling point and boiling range:	>240 °C
Sublimation point:	no data available
Softening point:	no data available
Pour point:	no data available
Flash point:	>110 °C
Sustaining combustion:	No data available

Flammability

Solid:	no data available
Gas:	no data available

Explosive properties

no data available

Lower explosion limits:	no data available
Upper explosion limits:	no data available
Ignition temperature:	no data available

Auto-ignition temperature

205

Solid:	no data available
Gas:	no data available

Decomposition temperature:	no data available
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Oxidizing properties

Not oxidising.

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Vapour pressure:	no data available
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Density:	0,76 g/cm ³
Bulk density:	no data available
Water solubility:	practically insoluble

Solubility in other solvents

no data available

Partition coefficient: no data available

Viscosity / dynamic: no data available

Viscosity / kinematic: 2,2 mm²/s ASTM D 446

Flow time: no data available

Vapour density: no data available

Evaporation rate: no data available

Solvent separation test: no data available

Solvent content: no data available

9.2. Other information

no data available

SECTION 10: Stability and reactivity**10.1. Reactivity**

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4. Conditions to avoid

No information available.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity**

Based on available data, the classification criteria are not met.

Irritation and corrosivity

Based on available data, the classification criteria are not met.

Sensitising effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

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STOT-repeated exposure

Repeated exposure may cause skin dryness or cracking.

Aspiration hazard

May be fatal if swallowed and enters airways. (Hydrocarbons, C14-C15, n-alkanes, <2% aromatics)

SECTION 12: Ecological information**12.1. Toxicity**

The product is not: Ecotoxic.

12.2. Persistence and degradability

There are no data available on the mixture itself.

12.3. Bioaccumulative potential

There are no data available on the mixture itself.

12.4. Mobility in soil

There are no data available on the mixture itself.

12.5. Results of PBT and vPvB assessment

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

12.6. Other adverse effects

No information available.

Further information

Avoid release to the environment.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Advice on disposal**

Dispose of waste according to applicable legislation.

According to the European Waste Catalogue (EWC), allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

Waste disposal number of contaminated packaging

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

Contaminated packaging

Wash with plenty of water. Completely emptied packages can be recycled.

SECTION 14: Transport information**Land transport (ADR/RID)****14.1. UN number:**

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

14.4. Packing group:

No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)**14.1. UN number:**

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

14.4. Packing group:

No dangerous good in sense of this transport regulation.

Marine transport (IMDG)**14.1. UN number:**

No dangerous good in sense of this transport regulation.

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- 14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

- 14.1. UN number:** No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user

No special measures are necessary.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

SECTION 15: Regulatory information

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

EU regulatory information

2004/42/EC (VOC): 0 %
 Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III):

Additional information

Regulation (EC) No. 648/2004 (Detergents regulation): not applicable
 Regulation (EC) No. 1005/2009 on substances that lead to the depletion of the ozone layer: not applicable
 Regulation (EC) No 850/2004 [POP-Regulation]: not applicable
 This mixture contains the following substances of very high concern (SVHC) which are included in the Candidate List according to Article 59 of REACH: none
 This mixture contains the following substances of very high concern (SVHC) which are subject to authorisation according to Annex XIV of REACH: none

National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

Additional information

Observe in addition any national regulations!

15.2. Chemical safety assessment

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

SECTION 16: Other information

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
 IMDG: International Maritime Code for Dangerous Goods
 IATA: International Air Transport Association
 MARPOL: Maritime Pollution Convention
 GHS: Globally Harmonized System of Classification and Labelling of Chemicals
 CLP: Classification, Labelling and Packaging
 EINECS: European Inventory of Existing Commercial Chemical Substances
 ELINCS: European List of Notified Chemical Substances
 CAS: Chemical Abstracts Service

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LC50: Lethal concentration, 50%
 LD50: Lethal dose, 50%
 STOT: Specific Target Organ Toxicity
 UN: United Nations
 OECD: Organisation for Economic Co-operation and Development
 VOC: Volatile Organic Compounds
 RID: Regulation Concerning the International Transport of Dangerous Goods by Rail
 DNEL: Derived No Effect Level
 PNEC: Predicted No Effect Level
 WGK: Wassergefährdungsklasse (German Water Hazard Class)
 PBT: Persistent, bio-cumulative, toxic
 vPvB: very persistent and very bio-cumulative
 ISO: International Organization for Standardization

Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

Classification	Classification procedure
Asp. Tox. 1; H304	Calculation method

Relevant H and EUH statements (number and full text)

H304 May be fatal if swallowed and enters airways.
 EUH066 Repeated exposure may cause skin dryness or cracking.

Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

The information given in this safety data sheet is to describe the product's safety regulations.
 The information in this safety data sheet is intended to be a guidance for safe handling, use, processing, storage, transportation, disposal and in case of spillages.
 The safety data sheet was generated upon information of pre-suppliers.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)