



SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006
as amended by Regulation (EU) No 2015/830

Print date: 11/19/2020

Revision Date: 11/19/2020

Revision Number: 1

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

1.1. Product identifier

Product trade name: **QUAKERTEK™ VERKOFOOD FG - 2**

Product code: **233342**

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

Intended uses:

Lubricant

Uses advised against:

All other applications except: Lubricant

1.3. Details of the supplier of the safety data sheet

Supplier:

Quaker Chemical B.V.

Industrieweg 7, 1422 AH Uithoorn

The Netherlands

T:+31 (0) 297 544644

F:+31 (0) 297 544694

EHS-EMEA@quakerchem.com

Responsible person:

Department for Environment, Health and Safety (EHS)

EHS-EMEA@quakerchem.com

National contact:

Department for Environment, Health and Safety (EHS)

EHS-EMEA@quakerchem.com

1.4. Emergency telephone number

24 hours emergency response telephone number (CHEMTREC)

United Kingdom: +(44) 870 820 04 18
Ireland: +(353) 190 146 70

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

Classification procedure: Calculation method

2.2. Label elements

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

Signal Word

None

Hazard Statements

EUH210 - Safety data sheet available on request

Precautionary statements

None

2.3. Other hazards

None under normal use

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable. Product is a mixture.

3.2 Mixture

Description of the mixture:

Product is a mixture of: polymer, additives, mineral oil, salt.

Hazardous ingredients:

Chemical Name	EC No	Index No	REACH Registration No	Weight-%	Classification according to Regulation (EC) No 1272/2008 (CLP)	
White mineral oil (petroleum) 8042-47-5	232-455-8		01-2119487078-27	30 - 100	Asp. Tox. 1 (H304)	[x]

[x] Substances for which there are Community workplace exposure limits

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

SECTION 4: First aid measures

4.1. Description of first aid measures

General notes:	No hazards which require special first aid measures.
Following inhalation:	Not hazardous by inhalation.
Following skin contact:	Not hazardous by skin contact.
Following eye contact:	Not hazardous by contact with eyes.
Following ingestion:	Rinse mouth
Self-protection of the first aider:	First aider needs to protect himself.

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

Following inhalation:

Acute:	There are no symptoms or effects reported.
Delayed:	There are no symptoms or effects reported.

Following skin contact:

Acute:	There are no symptoms or effects reported.
Delayed:	There are no symptoms or effects reported.

Following eye contact:

Acute:	There are no symptoms or effects reported.
Delayed:	There are no symptoms or effects reported.

Following ingestion:

Acute:	There are no symptoms or effects reported.
Delayed:	There are no symptoms or effects reported.

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

Following inhalation:	No data available
Following skin contact:	No data available
Following eye contact:	No data available
Following ingestion:	No data available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:	Dry chemical Foam Water
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Carbon dioxide (CO₂)

Unsuitable extinguishing media: High volume water jet

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products: Carbon monoxide (CO)
Sulphur oxides (SO_x)
Phosphor oxides (PO_x)

5.3. Advice for firefighters

Standard procedure for chemical fires

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel

Protective equipment: Use suitable protective equipment (see also section 8) to prevent any contamination of skin, eyes and personal clothing.

Emergency procedures: Consult an expert.

6.1.2 For emergency responders

Protective equipment: Use suitable protective equipment (see also section 8) to prevent any contamination of skin, eyes and personal clothing.

Emergency procedures: Consult an expert.

6.2. Environmental precautions

Do not flush into surface water or sanitary sewer system

6.3. Methods and material for containment and cleaning up

6.3.1 For containment: Covering of the drains.

6.3.2 For cleaning up: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust)

6.3.3 Other information: Clear spills immediately

6.4. Reference to other sections

See also sections 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures:

Measures to prevent fire: Always keep ignition sources and product separated. Use a fire suppression system which is suitable for the facility and the potential hazards.

Measures to prevent aerosol and dust generation: Provide sufficient air exchange and/or exhaust in work rooms.

Measures to protect the environment: Do not flush into surface water or sanitary sewer system

Advice on general occupational hygiene: Wash hands thoroughly after handling

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions: Storage at 4 - 40 °C

Packaging materials: Store in original package or in dedicated storage tank.

Requirements for storage rooms and vessels: Store in accordance with local and national regulations.

Storage class: 11 (D: TRGS 510)

Further information on storage conditions: No data available

7.3. Specific end use(s)

Recommendations: See our technical data sheet.

Industrial sector specific solutions: See our technical data sheet.

Exposure scenario(s): Exposure scenario is not yet available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

White mineral oil (petroleum)	
EU - Occupational Exposure (2000/39/EC) - First List of Indicative Occupational Exposure Limit Values - TWAs	Not listed
EU - Occupational Exposure (2000/39/EC) - First List of Indicative Occupational Exposure Limit Values - STELs	Not listed
Austria - Occupational Exposure Limits - TWAs - (MAK-TMWs)	5 mg/m ³
Belgium - Occupational Exposure Limits - TWAs	5 mg/m ³
Belgium - Occupational Exposure Limits - STELs	10 mg/m ³
Czech Republic - Occupational Exposure Limits - TWAs	5 mg/m ³
Czech Republic - Occupational Exposure Limits - STEL	10 mg/m ³
Denmark - Occupational Exposure Limits - TWAs	1 mg/m ³
Finland - Occupational Exposure Limits - TWAs	5 mg/m ³
Germany - TRGS 900 - Occupational Exposure Limits - TWAs (AGWs)	5 mg/m ³
Greece - Occupational Exposure Limits - TWAs	5 mg/m ³
Hungary - Occupational Exposure Limits - TWAs (AKs)	5 mg/m ³
Latvia - Occupational Exposure Limits - TWAs	5 mg/m ³
Lithuania - Occupational Exposure Limits - TWAs (IPRDs)	1 mg/m ³
Lithuania - Occupational Exposure Limits - STELs (TPRDs)	3 mg/m ³
Netherlands - Occupational Exposure Limits - TWAs	5 mg/m ³
Norway - Occupational Exposure Limits - TWAs	1 mg/m ³
Poland - Occupational Exposure Limits - TWAs (NDSs)	5 mg/m ³
Romania - Occupational Exposure Limits - TWAs	5 mg/m ³
Romania - Occupational Exposure Limits - STELs	10 mg/m ³
Slovak Republic - Occupational Exposure Limits - TWAs	1 mg/m ³
Slovak Republic - Threshold Limit Values - STELs	5 mg/m ³

Slovenia - Occupational Exposure Limits - TWAs	5 mg/m ³
Slovenia - Occupational Exposure Limits - STELs	20 mg/m ³
Spain - Occupational Exposure Limits - TWAs (VLA-EDs)	5 mg/m ³
Spain - Occupational Exposure Limits - STELs (VLA-ECs)	10 mg/m ³
Sweden - Occupational Exposure Limits - TLVs (LLVs)	1 mg/m ³
Sweden - Occupational Exposure Limits - STELs (STVs)	3 mg/m ³
United Kingdom - Workplace Exposure Limits (WELs) - TWAs	5 mg/m ³
United Kingdom - Workplace Exposure Limits (WELs) - STELs	10 mg/m ³

8.2. Exposure controls

8.2.1 Appropriate engineering controls:

Technical measures to prevent exposure:

Ensure adequate ventilation, especially in confined areas

8.2.2 Personal protection equipment:

8.2.2.1 Eye and face protection:

The use of safety glasses is recommended.

8.2.2.2 Skin protection:

Hand protection:

The use of chemical resistant gloves is recommended.

Other skin protection:

The use of long sleeved protective clothing is recommended.

8.2.2.3 Respiratory protection:

Adequate ventilation is recommended.

8.2.2.4 Thermal hazards:

Product represents no thermal hazards.

8.2.3 Environmental exposure controls:

Technical measures to prevent exposure:

Do not flush into surface water or sanitary sewer system

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

a) Appearance

Colour:

White

Physical state:

Paste

b) Odour

Characteristic

c) Odour threshold

Mild odour

e) Melting point / freezing point (°C)

No data available

f) Initial boiling point and boiling range (°C)	No data available
g) Flash point (°C)	>200
h) Evaporation rate (BuAc = 1)	No data available
i) Flammability (solid, gas)	No data available
j) Upper/lower flammability or explosive limits	No data available
k) Vapour pressure (kPa)	No data available
l) Vapour density (air=1)	No data available
m) Relative density (g/cm ³) at (°C)	<1 15
n) Solubility(ies) in water	No data available
o) Partition coefficient: n-octanol/water	No data available
p) Auto-ignition temperature (°C)	No data available
q) Decomposition temperature (°C)	No data available
r) Viscosity (mm ² /s) at (°C)	21.5 40
s) Explosive properties	Product is not explosive.
t) Oxidising properties	Product is not an oxidiser.

9.2. Other information

a) Pourpoint (°C)	No data available
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SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under recommended storage conditions

10.2. Chemical stability

Stable under recommended storage conditions

10.3. Possibility of hazardous reactions

Stable under recommended storage conditions

10.4. Conditions to avoid

None known

10.5. Incompatible materials

Strong oxidizing agents

10.6. Hazardous decomposition products

None under normal use

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Product data:

ATEmix - Oral (mg/kg): >2000
ATEmix - Dermal (mg/kg): >2000
ATEmix - Inhalation (mg/l/4 h - vapours): >20

Component data:

Chemical Name	LD50 - Oral, Rat (mg/kg)	LD50 - Dermal, Rabbit (mg/kg)	LC50 - Inhalation, Rat, 4h (mg/l)
White mineral oil (petroleum) 8042-47-5	>2000	>2000	No data available

Skin corrosion/irritation

Product data:

Results: No data available

Serious eye damage/irritation

Product data:

Results: No data available

Respiratory or skin sensitisation

Product data:

Results: No data available

Germ cell mutagenicity

Product data:

Results: No data available

Carcinogenicity

Product data:

Results: No data available

Reproductive toxicity

Product data:

Results: No data available

Summary of evaluation of the CMR properties

Product data:

Results: No data available

STOT - single exposure

Product data:

Results: No data available

STOT - repeated exposure

Product data:

Results: No data available

Aspiration hazard

Product data:

Results: No data available

SECTION 12: Ecological information

12.1 Toxicity

Acute (short-term) toxicity

Product data:

LC50 (Fish - 96h): >100 mg/l

EC50 (Water Flea - 48h): >100 mg/l

IC50 (Algae - 72h): >100 mg/l

Component data:

Chemical Name	LC50 (Fish - 96h)	EC50 (Water Flea - 48h)	IC50 (Algae - 72h)
White mineral oil (petroleum) 8042-47-5	>100 mg/l	>100 mg/l	>100 mg/l

Chronic (long-term) toxicity

Product data:

LC50 (Fish - 96h): >100 mg/l

EC50 (Water Flea - 48h): >100 mg/l

IC50 (Algae - 72h): >100 mg/l

Biodegradation: No data available

Partition coefficient n-octanol /water: No data available

(log Kow):

Bioconcentration factor (BCF) No data available

Component data:

Chemical Name	LC50 (Fish - 96h)	EC50 (Water Flea - 48h)	IC50 (Algae - 72h)
White mineral oil (petroleum) 8042-47-5	>100 mg/l	>100 mg/l	>100 mg/l

Chemical Name	Biodegradation	Partition coefficient n-octanol /water (log Kow)	Bioconcentration factor (BCF)
White mineral oil (petroleum) 8042-47-5	No data available	No data available	No data available

12.2 Persistence and degradability

Product data:

Abiotic Degradation: No data available

Physical- and photo-chemical elimination: No data available

Biodegradation: No data available

Component data:

Chemical Name	Abiotic Degradation	Physical- and photo-chemical elimination	Biodegradation
White mineral oil (petroleum) 8042-47-5	No data available	No data available	No data available

12.3 Bioaccumulative potential

Product data:

Partition coefficient n-octanol /water No data available

(log Kow):

Bioconcentration factor (BCF) No data available

Component data:

Chemical Name	Partition coefficient n-octanol /water (log Kow)	Bioconcentration factor (BCF)
White mineral oil (petroleum) 8042-47-5	No data available	No data available

12.4 Mobility in soil

Product data:

Known or predicted distribution to environmental compartments: No data available

Surface tension: No data available

Component data:

Chemical Name	Known or predicted distribution to environmental compartments	Surface tension
White mineral oil (petroleum) 8042-47-5	No data available	No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

No data available

12.7 Additional information

No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product / Packaging disposal:

Packaging data:

Recycling: Use a European return program for empty packaging. For example: ncg-europe.com.

Product data:

Waste codes / waste designations according to LoW:

As delivered: 16 03 - off-specification batches and unused products
16 03 06 - organic wastes other than those mentioned in 16 03 05

SECTION 14: Transport information

14.1. UN number

Not regulated

14.2. UN proper shipping name

Not regulated

14.3. Transport hazard class(es)

Not regulated

14.4. Packing group

Not regulated

14.5. Environmental hazards

Not regulated

14.6. Special precautions for user

Not regulated

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not regulated

SECTION 15: Regulatory information

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

EU regulations

Authorisations and/or restrictions on use

Authorisations:

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

ANNEX XIV - LIST OF SUBSTANCES SUBJECT TO AUTHORISATION

Product does not contain substances as mentioned in this ANNEX.

Restrictions on use:

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

ANNEX XIII - CRITERIA FOR THE IDENTIFICATION OF PERSISTENT, BIOACCUMULATIVE AND TOXIC SUBSTANCES, AND VERY PERSISTENT AND VERY BIOACCUMULATIVE SUBSTANCES

Product does not contain substances as mentioned in this ANNEX.

Other EU regulations

REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents
Product is not subject to this regulation.

REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals

Product does not contain components as mentioned in this regulation.

COUNCIL REGULATION (EC) No 111/2005 of 22 December 2004 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

Product does not contain components as mentioned in this regulation.

REGULATION (EC) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer

Product does not contain components as mentioned in this regulation.

REGULATION (EU) No 98/2013 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 15 January 2013 on the marketing and use of explosives precursors

Product does not contain components as mentioned in this regulation.

Commission Decision of 3 May 2000 replacing Decision 94/3/EC establishing a list of wastes pursuant to Article 1(a) of Council Directive 75/442/EEC on waste and Council Decision 94/904/EC establishing a list of hazardous waste pursuant to Article 1(4) of Council Directive 91/689/EEC on hazardous waste (notified under document number C(2000) 1147) (Text with EEA relevance) (2000/532/EC)

Waste codes / waste designations according to LoW:

As delivered: 16 03 - off-specification batches and unused products
16 03 06 - organic wastes other than those mentioned in 16 03 05

COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items

Product does not contain components as mentioned in this regulation.

National regulations

In Spain

Product data:

In France

Product data:

Tableaux de maladies professionnelles: 36

In Germany

Product data:

Water hazard classes (Wassergefährdungsklassen): 1 (S)

In Italy

Product data:

Altre disposizioni di normativa vigente: limite di soglia (LTV) ed indicatori biologici di esposizione (IBE) ACGIH 2001 Protezione dei lavoratori contro i rischi derivanti dall'esposizione ad agenti chimici, fisici e biologici durante il lavoro (DL212 del 30/07/90)

Norme generali per l'igiene sul lavoro (DPR 303 del 19/3/56)

Regolamenti e tabelle sulle malattie professionali nell'industria (DPR 336 del 13/04/94)

D.Lgs. 81/2008 del 9 Aprile 2008 e successive modifiche

Rischi incidenti rilevanti (Seveso bis - DL 334/99)

Norme sugli scarichi (DM 51 del 12/7/90)

Norme sull'inquinamento o atmosferico (DPR del 12/7/90 e del 25/7/91)

Norme per la tutela della acque (DL 152 del 11/5/99)

Norme sullo smaltimento e sul trasporto dei rifiuti pericolosi (DL 22/97 e 389/97)

Norme sul trasporto via terra ADR/RID (recepimento dir. CE 94/55): DM del 04/09/96 e attuazioni

Testo unico su classificazione, imballaggio ed etichettatura sostanza pericolose con recepimento fino alla Directtiva 2004/73/CE (29° adeguamento al progresso tecnico della direttiva 67/548/CE)

Norme per la compilazione della Scheda di Sicurezza con recepimento della direttiva 2001/58/EC

In Poland

Product data:

The 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 of the trades and repealing the trades the Regulation repealing Council Regulation (EEC) nr 793/93. The regulation lation (EC) nr 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, as amended Regulation of the European Parliament and of the Council (EC) nr 1272/2008 on classification, labeling and packaging of substances and mixtures, amending and repealing the Directives 1999/45/EC, Directive 67/548/EEC and amending the Regulation (EC) nr 1907/2006, with changes. Ordinance of the Minister of Health of 30 December 2004 on safety and health relationship are tied to the existence of chemical agents (Dz.U.2005nr11poz.86), as amended. The Act of 25 February 2011 chemical substances and mixtures (Dz.U.2011nr63poz.322). Ordinance of the Minister of Health of 20 April 2012 on the labeling of chemical substances and mixtures, and certain mixtures (Dz.U.2012nr0poz.445). Ordinance of the Minister of Labour and Social Policy of 6 June 2014 on maximum permissible concentration assumptions Nate assumptions of harmful factors in the working environment. The Act of 27 April 2001 r.o waste (Dz.U.2001 No. 62 item 628). Ordinance of the Minister of Environment of 27 September 2001. on waste (Dz.U.Nr112, item 1206). Regulation (EU) No 453/2010 of 20 May 2010 amending the CYM The 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).

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: Other information

Indication of changes

Version:	1
Revision date:	11/19/2020
Reason for revision:	Not applicable
Print date:	11/19/2020

Abbreviations and acronyms

CLP - Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
REACH - Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorisation and Restriction of Chemicals

Key literature references and sources for data

Compilation of safety data sheet:

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

Amended by:

Commission Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (Text with EEA relevance)

Classification procedure: Calculation method

Full text of H-Statements referred to under section 3

H304 - May be fatal if swallowed and enters airways

Training advice

The information contained in this safety data sheet must be available to the professional user. The professional user of this product must be adequately informed about the possible hazards of this product. The professional user of this product must be adequately trained in the safe handling and use of chemical products.

Further information

Disclaimer

This product's safety information is provided to assist our customers in assessing compliance with safety/health/environmental regulations. The information contained herein is based on data available to us and is believed to be accurate. However, no warranty of merchantability, fitness for any use, or any other warranty is expressed or implied regarding the accuracy of this data, the results to be obtained from the use thereof, or the hazards connected with the use of the product. Since the use of this product is within the exclusive control of the user, it is the user's obligation to determine the conditions for safe use of the product. Such conditions should comply with all regulations concerning the product. Quaker Chemical Corporation ("Quaker") assumes no liability for any injury or damage, direct or consequential, resulting from the use of this product unless such injury or damage is attributable to the gross negligence of Quaker.