

CERAFK 117

Version 1.1
SDS_NZ

Revision Date: 14.04.2026

Date of last issue: 23.01.2025
Print Date 15.04.2026**Section 1: Identification**

Product name : CERAFK 117
Product code : 000000000000128583

Manufacturer or supplier's details

Company : BYK Netherlands BV
Address : Danzigweg 23
7418 EN Deventer
Telephone : +49 281 670-23532
Telefax : +49 281 670-23533
E-mail address : GHS.BYK@altana.com
Emergency telephone number : 0800 446 881 (toll-free number, access from New Zealand only)
+64 9 929 1483

Importer

Company : Alchemy Agencies Ltd
Level 2, 20 Centre St
Freemans Bay
Auckland 1010 NZ
Tel: +64(0)93770613

Use of the Substance/Mixture : Wax Additive

Section 2: Hazard identification**GHS Classification**

Flammable liquids : Category 4

GHS label elements

Hazard pictograms : None
Signal word : Warning
Hazard statements : H227 Combustible liquid.

Precautionary statements : **Prevention:**
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection/ hearing protection.
Response:
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

CERAFAK 117

Version 1.1
SDS_NZ

Revision Date: 14.04.2026

Date of last issue: 23.01.2025
Print Date 15.04.2026

Storage:

P403 Store in a well-ventilated place.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards which do not result in classification

None known.

Section 3: Composition/information on ingredients

Substance / Mixture : Mixture
Chemical nature : Modified Fischer Tropsch wax dispersion

Components

Chemical name	CAS-No.	Concentration (% w/w)
Distillates (petroleum), hydro- treated light; Kerosine — unspecified	64742-47-8	>= 50 -<= 100
Paraffin waxes and Hydrocarbon waxes	8002-74-2	>= 12.5 -< 20
Alcohols, C16-18- ethoxylated	68439-49-6	>= 1 -< 3

Section 4: First-aid measures

General advice : Do not leave the victim unattended.
If inhaled : If unconscious, place in recovery position and seek medical advice.
If symptoms persist, call a physician.
In case of skin contact : If on skin, rinse well with water.
If on clothes, remove clothes.
In case of eye contact : Flush eyes with water as a precaution.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.
If swallowed : Keep respiratory tract clear.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.
Most important symptoms and effects, both acute and delayed : None known.

Section 5: Fire-fighting measures

Suitable extinguishing media : Carbon dioxide (CO₂)
Dry chemical
Unsuitable extinguishing media : High volume water jet
Hazardous combustion products : Carbon oxides

CERAFAK 117

Version 1.1
SDS_NZ

Revision Date: 14.04.2026

Date of last issue: 23.01.2025
Print Date 15.04.2026

- Specific extinguishing methods : For safety reasons in case of fire, cans should be stored separately in closed containments.
Use a water spray to cool fully closed containers.
- Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

Section 6: Accidental release measures

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.
- Environmental precautions : Prevent further leakage or spillage if safe to do so.
- Methods and materials for containment and cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).
Keep in suitable, closed containers for disposal.

Section 7: Handling and storage

- Advice on protection against fire and explosion : Do not spray on a naked flame or any incandescent material.
Keep away from open flames, hot surfaces and sources of ignition.
- Advice on safe handling : Avoid formation of aerosol.
For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
Provide sufficient air exchange and/or exhaust in work rooms.
Dispose of rinse water in accordance with local and national regulations.
- Hygiene measures : Wash hands before breaks and at the end of workday.
- Conditions for safe storage : No smoking.
Keep in a well-ventilated place.
Observe label precautions.
Electrical installations / working materials must comply with the technological safety standards.
- Further information on storage stability : No decomposition if stored and applied as directed.

Section 8: Exposure controls/personal protection**Components with workplace control parameters**

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Paraffin waxes and Hydrocarbon waxes	8002-74-2	WES-TWA (Fumes)	2 mg/m ³	NZ OEL

CERAFAK 117

Version 1.1
SDS_NZ

Revision Date: 14.04.2026

Date of last issue: 23.01.2025
Print Date 15.04.2026

Paraffin waxes and Hydrocarbon waxes		TWA (Fumes)	2 mg/m ³	ACGIH
---	--	----------------	---------------------	-------

Personal protective equipment

Hand protection

Material : Nitrile rubber
Break through time : 480 min
Manufacturer : Class 6

Remarks

: Wear suitable gloves.

Eye protection

: Eye wash bottle with pure water
Tightly fitting safety goggles

Skin and body protection

: Impervious clothing
Choose body protection according to the amount and
concentration of the dangerous substance at the work place.**Section 9: Physical and chemical properties**

Appearance : dispersion

Colour : light yellow

Odour : aromatic

Odour Threshold : No data available

pH : insoluble

Melting point/ range : not determined

Boiling point/boiling range : 193 °C
(1,013 hPa)

Flash point : 73 °C
(1,013 hPa)
Method: 49 (Pensky-Martens), closed cup

Evaporation rate : No data available

Flammability (liquids) : Sustains combustion

Upper explosion limit / Upper
flammability limit : 6.5 %(V)

Lower explosion limit / Lower
flammability limit : 0.6 %(V)

Vapour pressure : No data available

Relative vapour density : No data available

Relative density : No data available

Density : 0.824 g/cm³ (20 °C, 1,013 hPa)

CERAFK 117

Version 1.1
SDS_NZ

Revision Date: 14.04.2026

Date of last issue: 23.01.2025
Print Date 15.04.2026

Solubility(ies)	
Water solubility	: immiscible
Solubility in other solvents	: No data available
Partition coefficient: n-octanol/water	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	
Viscosity, dynamic	: 60 mPa.s (23 °C) Method: No information available.
Viscosity, kinematic	: 124 mm ² /s (40 °C)

Section 10: Stability and reactivity

Reactivity	: No decomposition if stored and applied as directed.
Chemical stability	: No decomposition if stored and applied as directed.
Possibility of hazardous reactions	: No decomposition if stored and applied as directed. Vapours may form explosive mixture with air.
Conditions to avoid	: Heat, flames and sparks.
Incompatible materials	: Strong oxidizing agents
Hazardous decomposition products	: No hazardous decomposition products are known.

Section 11: Toxicological information**Acute toxicity**

Not classified due to lack of data.

Product:

Acute oral toxicity : Remarks: No data available

Components:**Distillates (petroleum), hydro- treated light; Kerosine — unspecified:**Acute dermal toxicity : LD50 (Rabbit): > 5,000 mg/kg
Method: OECD Test Guideline 402
GLP: yes**Skin corrosion/irritation**

Not classified due to lack of data.

Product:

Remarks : No data available

Serious eye damage/eye irritation

Not classified due to lack of data.

CERAFK 117

Version 1.1
SDS_NZ

Revision Date: 14.04.2026

Date of last issue: 23.01.2025
Print Date 15.04.2026**Product:**

Remarks : No data available

Components:**Distillates (petroleum), hydro- treated light; Kerosine — unspecified:**Species : Rabbit
Result : No eye irritation
Method : OECD Test Guideline 405
GLP : yes**Respiratory or skin sensitisation****Skin sensitisation**

Not classified due to lack of data.

Respiratory sensitisation

Not classified due to lack of data.

Product:

Remarks : No data available

Components:**Distillates (petroleum), hydro- treated light; Kerosine — unspecified:**Test Type : Maximisation Test
Exposure routes : Skin contact
Species : Guinea pig
Method : OECD Test Guideline 406
Result : Not a skin sensitizer.
GLP : yes**Chronic toxicity****Germ cell mutagenicity**

Not classified due to lack of data.

Product:

Genotoxicity in vitro : Remarks: No data available

Genotoxicity in vivo : Result: No data available

Carcinogenicity

Not classified due to lack of data.

Product:

Remarks : No data available

Reproductive toxicity

Not classified due to lack of data.

Product:

Effects on fertility : Remarks: No data available

CERAFK 117

Version 1.1
SDS_NZ

Revision Date: 14.04.2026

Date of last issue: 23.01.2025
Print Date 15.04.2026

Effects on foetal development : Remarks: No data available

STOT - single exposure

Not classified due to lack of data.

Product:

Remarks : No data available

STOT - repeated exposure

Not classified due to lack of data.

Product:

Remarks : No data available

Repeated dose toxicity

Product:

Remarks : No data available

Aspiration toxicity

Not classified due to lack of data.

Product:

No data available

Further information

Product:

Remarks : No data available

Section 12: Ecological information

Ecotoxicity

Product:

Toxicity to fish : Remarks: No data available

Toxicity to daphnia and other aquatic invertebrates : Remarks: No data available

Components:

Alcohols, C16-18- ethoxylated:

M-Factor (Acute aquatic toxicity) : 10

M-Factor (Chronic aquatic toxicity) : 1

Persistence and degradability

Product:

CERAFAK 117

Version 1.1
SDS_NZ

Revision Date: 14.04.2026

Date of last issue: 23.01.2025
Print Date 15.04.2026

Biodegradability : Remarks: No data available

Components:**Distillates (petroleum), hydro- treated light; Kerosine — unspecified:**

Biodegradability : Result: Readily biodegradable.
Method: OECD Test Guideline 301F
GLP: yes

Bioaccumulative potential**Product:**

Bioaccumulation : Remarks: No data available

Mobility in soil

No data available

Other adverse effects**Product:**

Additional ecological information : No data available

Section 13: Disposal considerations**Disposal methods**

Waste from residues : Do not dispose of waste into sewer.
Do not contaminate ponds, waterways or ditches with
chemical or used container.
Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.
Do not burn, or use a cutting torch on, the empty drum.

Section 14: Transport information**International Regulations****UNRTDG**

UN number : Not applicable
Proper shipping name : Not applicable
Class : Not applicable
Subsidiary risk : Not applicable
Packing group : Not applicable
Labels : Not applicable
Environmentally hazardous : no

IATA-DGR

UN/ID No. : Not applicable
Proper shipping name : Not applicable
Class : Not applicable
Subsidiary risk : Not applicable
Packing group : Not applicable

CERAFK 117

Version 1.1

Date of last issue: 23.01.2025

SDS_NZ

Revision Date: 14.04.2026

Print Date 15.04.2026

Labels : Not applicable
Packing instruction (cargo aircraft) : Not applicable
Packing instruction (passenger aircraft) : Not applicable

IMDG-Code

UN number : Not applicable
Proper shipping name : Not applicable
Class : Not applicable
Subsidiary risk : Not applicable
Packing group : Not applicable
Labels : Not applicable
EmS Code : Not applicable
Marine pollutant : Not applicable

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

National Regulations**NZS 5433**

UN number : Not applicable
Proper shipping name : Not applicable
Class : Not applicable
Subsidiary risk : Not applicable
Packing group : Not applicable
Labels : Not applicable
Hazchem Code : Not applicable

Special precautions for user

Not applicable

Section 15: Regulatory information**Safety, health and environmental regulations/legislation specific for the substance or mixture****HSNO Approval Number**

HSR002490 Additives Process Chemicals and Raw Materials Combustible Group Standard

Tolerable Exposure Limits (TEL)

Not applicable

Environmental Exposure Limits (EEL)

Not applicable

HSW Controls

Certified handler certificate not required.

Tracking hazardous substance not required.

Refer to the Health and Safety at Work (Hazardous Substances) Regulations 2017, for further information.

Section 16: Other information

Revision Date : 14.04.2026
Date format : dd.mm.yyyy

CERAFAC 117

Version 1.1
SDS_NZ

Revision Date: 14.04.2026

Date of last issue: 23.01.2025
Print Date 15.04.2026

Full text of other abbreviations

ACGIH	:	USA. ACGIH Threshold Limit Values (TLV)
NZ OEL	:	New Zealand. Workplace Exposure Standards for Atmospheric Contaminants
ACGIH / TWA	:	8-hour, time-weighted average
NZ OEL / WES-TWA	:	Workplace Exposure Standard - Time Weighted average

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonised System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organisation; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardisation; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MERCOSUR - The Agreement for the Facilitation of the Transport of Dangerous Goods; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organisation for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

NZ / EN