

Safety data sheet
complying with Regulation 1907/2006/EC (REACH Regulation),
EU 2020/878 and Regulation No 1272/2008/EC (CLP)

Printing date 07.01.2022

Version number 2 (replaces version 1)

Revision: 07.01.2022

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier****Trade name: BRILLET KL GREEN APPLE****UFI: HV30-10A8-P00X-M6YW****1.2 Relevant identified uses of the substance or mixture and uses advised against**

No further relevant information available.

Application of the substance / the mixture: Dishwashing liquid (green apple scent).**1.3 Details of the supplier of the safety data sheet****Manufacturer/Supplier:**

Kalogeropoulos Chemicals S.A.

D. Gounari 35, 185 31

Pireaus, Greece

Tel: +30 2104124518

Fax: +30 2104101607

e-mail: info@kalochem.gr

website: www.kalochem.gr

1.4 Emergency telephone number:

European Emergency Tel.: 112

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SECTION 2: Hazards identification**2.1 Classification of the substance or mixture****Classification according to Regulation EC No 1272/2008 CLP:**

GHS05 corrosion

Eye Dam. 1 H318 Causes serious eye damage.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

2.2 Label elements**Labelling according to Regulation EC No 1272/2008 CLP:**

The product is classified and labelled according to the CLP regulation.

Hazard pictograms:

GHS05

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Signal word: Danger**Hazard-determining components of labelling:**

Alcohols, C12-14, ethoxylated, sulfates, sodium salts (> 1 < 2.5 mol EO)

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C12-18(even numbered) acyl) derivs., hydroxides, inner salts

Amides, C8-18 (even numbered) and C18-unsatd.,N,N-bis(hydroxyethyl)

Hazard statements:

H315 Causes skin irritation.

H318 Causes serious eye damage.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P102 Keep out of reach of children.

P273 Avoid release to the environment.

P280 Wear protective gloves / eye protection / face protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

P310 Immediately call a POISON CENTER/doctor.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information:

EUH208 Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

Regulation (EC) No 648/2004 on detergents / Labelling for contents

anionic surfactants	≥15 - <30%
amphoteric surfactants, non-ionic surfactants	<5%
preservation agents (BENZISOTHIAZOLINONE, 2-methyl-2H-isothiazol-3-one, 5-chloro-2-methyl-2H-isothiazol-3-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)), perfumes (BENZYL BENZOATE)	

2.3 Other hazards**Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.* **SECTION 3: Composition/information on ingredients****3.2 Mixtures****Description:** Mixture: consisting of the following components.

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Ingredients according Regulation (EU) 2020/878:

CAS: 68891-38-3 NLP: 500-234-8 Reg.nr.: 01-2119488639-16-XXXX	Alcohols, C12-14, ethoxylated, sulfates, sodium salts (> 1 < 2.5 mol EO) --- Eye Dam. 1, H318; Skin Irrit. 2, H315; Aquatic Chronic 3, H412	≥3-<10%
EC number: 931-513-6 Reg.nr.: 01-2119513359-38-XXXX	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C12-18(even numbered) acyl) derivs., hydroxides, inner salts --- Eye Dam. 1, H318; Aquatic Chronic 3, H412	≥3-≤10%
CAS: 68439-57-6 EC number: 931-534-0 Reg.nr.: 01-2119513401-57-XXXX	Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts --- Eye Dam. 1, H318; Skin Irrit. 2, H315 Specific concentration limits: Skin Irrit. 2; H315: C ≥ 5 % Eye Dam. 1; H318: C ≥ 38 % Eye Irrit. 2; H319: 5 % ≤ C < 38 %	≥3-<10%
CAS: 68155-07-7 EC number: 931-329-6 Reg.nr.: 01-2119490100-53-XXXX	Amides, C8-18 (even numbered) and C18-unsatd.,N,N-bis(hydroxyethyl) --- Eye Dam. 1, H318; Aquatic Chronic 2, H411; Skin Irrit. 2, H315	≥3-<10%
CAS: 85586-07-8 EINECS: 287-809-4 Reg.nr.: 01-2119489463-28-XXXX	Sulfuric acid, mono-C12-14-alkyl esters, sodium salts --- Eye Dam. 1, H318; Acute Tox. 4, H302; Skin Irrit. 2, H315; Aquatic Chronic 3, H412 Specific concentration limits: Eye Dam. 1; H318: C ≥ 20 % Eye Irrit. 2; H319: 10 % ≤ C < 20 %	≥2.5-<10%
CAS: 2634-33-5 EINECS: 220-120-9 Index number: 613-088-00-6 Reg.nr.: 01-2120761540-60-XXXX	1,2-benzisothiazol-3(2H)-one --- Eye Dam. 1, H318; Aquatic Acute 1, H400; Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317 Specific concentration limit: Skin Sens. 1; H317: C ≥ 0.05 %	<0.05%

SECTION 4: First aid measures**4.1 Description of first aid measures****General information:**

Take affected persons out into the fresh air.
Seek immediate medical advice.

After inhalation:

Supply fresh air and to be sure call for a doctor.
In case of unconsciousness place patient stably in side position for transportation.
Seek medical treatment in case of complaints.

After skin contact:

Immediately wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.

After eye contact:

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids.
Check for and remove any contact lenses.
Continue to rinse for at least 10 minutes.

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Get medical attention if irritation occurs.

Avoid strong water jet-risk of cornea damage, consult a doctor.

After swallowing:

Drink plenty of water and provide fresh air. Call for a doctor immediately.

Seek immediate medical advice.

Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures**5.1 Extinguishing media****Suitable extinguishing agents:**CO₂, powder or water spray. Fight larger fires with water spray.

Use fire extinguishing methods suitable to surrounding conditions.

5.2 Special hazards arising from the substance or mixture No further relevant information available.**5.3 Advice for firefighters****Protective equipment:**

During fire-fighting wear suitable respiratory device (SCBA) with a full face-piece operated in positive pressure mode.

Additional information

Collect contaminated fire fighting water separately. It must not enter the sewage system.

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

Wear protective equipment. Keep unprotected persons away.

Wear protective clothing.

Avoid contact with skin and eyes.

Avoid inhalation of vapors.

6.1.1 For non-emergency personnel Avoid contact with dripping or leaking material**6.1.2 For emergency responders**

First-aid responders must wear protective clothing, gloves, goggles and respiratory device with filter type A.

6.2 Environmental precautions:

Do not allow to penetrate the ground/soil.

Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust, silica gel).

Use neutralising agent.

Dispose contaminated material as waste according to item 13.

Send for recovery or disposal in suitable receptacles.

6.4 Reference to other sections:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

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

Avoid contact with skin, eyes and clothing.

Wash hands before each break and after finishing work.

Do not eat, drink or smoke during the usage of the product.

Information about fire - and explosion protection: No special measures required.**7.2 Conditions for safe storage, including any incompatibilities****Storage:** Store in cool, dry conditions in well sealed receptacles.**Requirements to be met by storerooms and receptacles:** Store in a cool location.**Information about storage in one common storage facility:** Not required.**Further information about storage conditions:**

Keep container tightly sealed.

Keep away from children

7.3 Specific end use(s) No further relevant information available.* **SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

DNELs

Sulfuric acid, mono-C12-14-alkyl esters, sodium salts | (CAS): 85586-07-8

Workers:

Long-term exposure - systemic effects on dermal: DNEL = 4060 mg/kg/d

Long-term exposure - systemic effects, Inhalation: DNEL = 285 mg/m³

Consumers:

Long-term exposure - systemic effects on dermal: DNEL = 2440 mg/kg/d

Long-term exposure - systemic effects, Inhalation: DNEL = 85 mg/m³

Long-term exposure - systemic effects on oral: DNEL = 24 mg/kg/d

1-propanaminium, 3-amino-N- (carboxymethyl) -N, Ndimethyl-, N- (C12-18 (even numbered) acyl) derivs., Hydroxides, inner salts | EcNo: 931-513-6.

Workers:

Inhalation - chronic systemic effect: 44 mg/m³.

Dermal - chronic systemic effect: 12.5 mg/kg.

Consumers:

Oral - chronic systemic effect: 7.5 mg / kg.

Dermal - chronic systemic effect: 7.5 mg / kg bw/d

Amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl) | EC No: 931-329-6 workers:

Long-term dermal Systemic effect: 4.16 mg/kg bw/d

Long term dermal local effect: 0.09 mg/cm²Long-term systemic effect (inhalation): 73.4 mg/m³

Consumers:

Long-term systemic effect (inhalation): 21.7 mg/m³

Long Term dermal Systemic: 2.5 mg/kg bw/d

Long-term dermal Local Effect: 0.056 mg / cm²

Long-term Systemic oral effect: 6.25 mg / kg bw / d

(Cas: 68891-38-3) Alcohols, C12-14, ethoxylated, sulfates, sodim salts

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worker: Long-term exposure - systemic effects, dermal: DNEL = 2750 mg/kg
 worker: Long term exposure - systemic effects, Inhalation: DNEL = 175 mg/m³
 Consumer: Long-term exposure - Systemic effects, on Dermal: DNEL = 1650 mg/kg
 Consumer: Long-term exposure - Systemic effects, Inhalation: DNEL = 52 mg/m³
 Consumer: Long-term exposure - Oral systemic effects: 15 mg/kg

PNECs

Sulfuric acid, mono-C12-14-alkyl esters, sodium salts | (CAS): 85586-07-8

fresh water: 0.102 mg/l

marine water: 0.01 mg/l

treatment unit: 0.036 mg/l

fresh water sediment: 3.58 mg/kg d w

marine water sediment: 0.358 mg/kg d w

soil: 0.654 mg/kg d w

Intermittent release: 1084 mg/l

1-propanaminium, 3-amino-N- (carboxymethyl) -N, Ndimethyl-, N- (C12-18 (even numbered) acyl) derivs., Hydroxides, inner salts | EcNo: 931-513-6.

Fresh water: 0.0135 mg/l

Marine water: 0.00135 mg/l

Freshwater sediment: 1 mg/kg

Marine water sediment: 0.1 mg/kg

Soil: 0.8 mg/kg

Wastewater treatment plant: 3000 mg/l

8.2 Exposure controls**8.2.1. Appropriate engineering controls**

Take appropriate protective measures with regard to the handling of chemicals and mixtures.

Provide adequate ventilation.

Individual protection measures, such as personal protective equipment**General protective and hygienic measures:**

Do not eat, drink or smoke while using the product.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the skin.

Respiratory protection: Not required.**Hand protection**

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

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Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

The determined penetration times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

Eye/face protection

If splashing might occur use safety glasses in compliance with EN ISO 166

Tightly sealed goggles (EN 166).

Body protection:

Protective work clothing

Environmental exposure controls Do not release the product into the environment without control.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties**General Information**

Physical state	Liquid
Colour:	Light green
Odour:	Characteristic of the perfume
Odour threshold:	Not determined
Flammability	Not applicable
Lower and upper explosion limit	
Lower:	Not determined
Upper:	Not determined
Flash point:	Not Flammable
Auto-ignition temperature:	Product is not selfigniting.
Decomposition temperature:	Not determined
pH at 20 °C	6.5-7.5
Viscosity:	
Kinematic viscosity at 40 °C	1,885 mm ² /s
Dynamic:	Not determined
Solubility	
water:	Not determined
Partition coefficient n-octanol/water (log value)	Not determined
Vapour pressure:	Not determined
Density and/or relative density	
Density:	Not determined
Relative density	Not determined
Vapour density	Not determined

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9.2 Other information**Appearance:****Form:** Viscous liquid**Important information on protection of health and environment, and on safety.****Auto-ignition temperature:** Not determined**Explosive properties:** Product does not present an explosion hazard.**Cloud point / clarification point:****Oxidising properties** Not oxidising**Evaporation rate** Not determined**Information with regard to physical hazard classes****Explosives** Void**Flammable gases** Void**Aerosols** Void**Oxidising gases** Void**Gases under pressure** Void**Flammable liquids** Void**Flammable solids** Void**Self-reactive substances and mixtures** Void**Pyrophoric liquids** Void**Pyrophoric solids** Void**Self-heating substances and mixtures** Void**Substances and mixtures, which emit flammable gases in contact with water** Void**Oxidising liquids** Void**Oxidising solids** Void**Organic peroxides** Void**Corrosive to metals** Void**Desensitised explosives** Void**SECTION 10: Stability and reactivity****10.1 Reactivity** Stable under normal conditions**10.2 Chemical stability** Material is stable under normal conditions.**Thermal decomposition / conditions to be avoided** Stable at environment temperature.**10.3 Possibility of hazardous reactions** No dangerous reactions known.**10.4 Conditions to avoid** No further relevant information available.**10.5 Incompatible materials** No further relevant information available.**10.6 Hazardous decomposition products** No dangerous decomposition products known.**SECTION 11: Toxicological information****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity** Based on available data, the classification criteria are not met.**LD/LC50 values relevant for classification:****ATE (Acute Toxicity Estimates)**

Oral	LD50	64,286 mg/kg (rat)
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CAS: 68891-38-3 Alcohols, C12-14, ethoxylated, sulfates, sodium salts (> 1 < 2.5 mol EO)

Oral	LD50	>2,000 mg/kg (rat) (Acute Oral Toxicity)
Dermal	LD50	>2,000 mg/kg (rat) (Acute Dermal Toxicity)

CAS: 68439-57-6 Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts

Oral	LD50	2,079 mg/kg (rat)
Dermal	LD50	6,300-13,500 mg/kg (rabbit)
Inhalative	LC50/4 h (vapour)	>52 mg/l (rat)

CAS: 68155-07-7 Amides, C8-18 (even numbered) and C18-unsatd.,N,N-bis(hydroxyethyl)

Oral	LD50	2,000 mg/kg (rat)
Dermal	LD50	2,000 mg/kg (rabbit)

CAS: 85586-07-8 Sulfuric acid, mono-C12-14-alkyl esters, sodium salts

Oral	LD50	1,800 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg

CAS: 2634-33-5 1,2-benzisothiazol-3(2H)-one

Oral	LD50	1,020 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)

Skin corrosion/irritation Causes skin irritation.**Serious eye damage/irritation** Causes serious eye damage.**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.**Germ cell mutagenicity** Based on available data, the classification criteria are not met.**Carcinogenicity** Based on available data, the classification criteria are not met.**Reproductive toxicity** Based on available data, the classification criteria are not met.**STOT-single exposure** Based on available data, the classification criteria are not met.**STOT-repeated exposure** Based on available data, the classification criteria are not met.**Aspiration hazard** Based on available data, the classification criteria are not met.**Additional toxicological information:****Repeated dose toxicity** Based on available data, the classification criteria are not met.**11.2 Information on other hazards****Endocrine disrupting properties**

None of the ingredients is listed.

SECTION 12: Ecological information**12.1 Toxicity****Aquatic toxicity:****CAS: 68891-38-3 Alcohols, C12-14, ethoxylated, sulfates, sodium salts (> 1 < 2.5 mol EO)**

LC50	7.4 mg/l (fresh water)
	1.05 mg/l (Pimephales promelas)
	7.1 mg/l (Brachydanio rerio)
	27.7 mg/l (Desmodesmus subspicatus)

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1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C12-18(even numbered) acyl) derivs., hydroxides, inner salts

EC50 (48h) 4.1 mg/l (daphnia magna)

CAS: 68439-57-6 Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts

EC50 (72h) 5.2 mg/l (algae)

EC50 (48h) 4.53 mg/l (Daphnia) (Daphnia sp. Acute Immobilisation Test)

LC50 (96h) 4.2 mg/l (fis) (Fish, Acute Toxicity Test)

NOEC (21d) 6.7 mg/l (Daphnia) (Daphnia magna Reproduction Test)

CAS: 68155-07-7 Amides, C8-18 (even numbered) and C18-unsatd.,N,N-bis(hydroxyethyl)

EC50 (72h) 2.1-3.9 mg/l (algae)

EC50 (48h) 3.2 mg/l (Invertebrate)

LC50 (96h) 2.4 mg/l (fis)

NOEC (21d) 100 mg/l (Invertebrate)

NOEC (28d) 320 mg/kg (fis)

CAS: 85586-07-8 Sulfuric acid, mono-C12-14-alkyl esters, sodium salts

EC50 (72h) 12 mg/l (Desmodesmus subspicatus)

EC50 (48h) 4.7 mg/l (daphnia magna)

LC50 (96h) 3.6 mg/l (Oncorhynchus mykiss)

CAS: 2634-33-5 1,2-benzisothiazol-3(2H)-one

EC50 (72h) 0.15 mg/l (sec)

EC50 (48h) 1.1 mg/l (daphnia magna)

LC50 (96h) 1.6 mg/l (Oncorhynchus mykiss)

12.2 Persistence and degradability

The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of detergent manufacturer.

(cas: 68439-57-6) Sulfonic acids, C14-16 (even numbered) -alkane hydroxy and C14-16 (even numbered) -alkene, sodium salts

OECD 301B Ready Biodegradability - CO₂

Evolution Test

> 60% - Immediately - 28 days

OECD 306 Biodegradability in Seawater > 60% - Immediately - 28 days

Sodium Laureth Sulfate (CAS Nr: 68891-38-3)

>80% (15d) OECD 302B

86% (28d) OECD 301E

COD: 1.880mg/g

12.3 Bioaccumulative potential No further relevant information available.**12.4 Mobility in soil** No further relevant information available.**12.5 Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

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12.7 Other adverse effects**Remark:** Harmful to fish**Additional ecological information:****General notes:**

Must not reach sewage water or drainage ditch undiluted or unneutralised.

The product contains materials that are harmful to the environment.

Harmful to aquatic organisms

* **SECTION 13: Disposal considerations****13.1 Waste treatment methods****Recommendation**

Dispose according local and international regulations

Contact manufacturer for recycling information.

European waste catalogue

HP4	Irritant - skin irritation and eye damage
HP14	Ecotoxic

Uncleaned packaging:**Recommendation:**

Disposal must be made according to official regulations.

Packaging may be reused or recycled after cleaning.

SECTION 14: Transport information**14.1 UN number or ID number**

ADR, IMDG, IATA

Void

14.2 UN proper shipping name

ADR, IMDG, IATA

Void

14.3 Transport hazard class(es)

ADR, ADN, IMDG, IATA

Class

Void

14.4 Packing group

ADR, IMDG, IATA

Void

14.5 Environmental hazards:**Marine pollutant:**

No

14.6 Special precautions for user

Not applicable.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable.

UN "Model Regulation":

Void

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* **SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

REACH Regulation 1907/2006/EC

Regulation (EU) 2020/878

CLP Regulation 1272/2008/EC

Directive 98/24/EC on the protection of health and safety of workers from the risks related to chemicals agents at work.

Council Directive 94/33/EC on the protection of young people at work, as amended.

Directive 92/85/EEC on the introduction of measures to encourage improvements in the safety and health at work of pregnant workers and workers who have recently given birth or are breastfeeding, as amended

Regulation (EC) No.648/2004 on detergents, as amended.

REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3**DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

REGULATION (EU) 2019/1148**Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

National regulations:**Other regulations, limitations and prohibitive regulations****Substances of very high concern (SVHC) according to REACH, Article 57**

It doesn't contain substances of very high concern (SVHC).

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.* **SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H302 Harmful if swallowed.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H400 Very toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.

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Safety data sheet
complying with Regulation 1907/2006/EC (REACH Regulation),
EU 2020/878 and Regulation No 1272/2008/EC (CLP)

Printing date 07.01.2022

Version number 2 (replaces version 1)

Revision: 07.01.2022

Trade name: BRILLET KL GREEN APPLE



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H412 Harmful to aquatic life with long lasting effects.

Training hints

Suitable training on safety in handling, storing and converting the product should be given to the employees based on all the existing information.

Department issuing SDS:

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Version number of previous version: 1**Abbreviations and acronyms:**

ADR: Accord relatif au transport international 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

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Skin Sens. 1: Skin sensitisation – Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

*** Data compared to the previous version altered.**