

According to Regulation (EC) No 1907/2006
amended by Regulation (EU) 2020/878

Blue Kleen Ocean



Version number: 2.1
Issued: 2024-03-14
Replaces SDS: 2021-08-30

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

1.1. Product identifier

Trade name

Blue Kleen Ocean

UFI code

N4QJ-HWMD-WM0T-SVM0

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

Relevant identified uses

All-purpose cleaner for professional users.

Not suitable for use in

All other uses are discouraged.

1.3. Details of the supplier of the safety data sheet

Supplier

Premiere Produkter AS

Austbøsletta 6,
4085 Hundvåg, Norway
+47 51 85 83 00 ,
post@premiere-produkter.no

1.4. Emergency telephone number

Poison information central:
(+47) 22 59 13 00

Available outside office hours

Yes

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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The product is not classified as hazardous according to Regulation (EC) No 1272/2008.

2.2. Label elements

Supplemental hazard statements

EUH208 Contains 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction.

Precautionary statements

P332 + P313 If skin irritation occurs: Get medical advice/attention.

2.3. Other hazards

This mixture does not contain any substances that are classified as PBT or vPvB according to Article 57 / Annex XIII of the REACH regulation.

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SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical name	CAS No. EC No. REACH No. Index No.	Concentration	Classification	H-phrase M factor acute M factor chronic	Note
Ethanol	64-17-5 200-578-6 01-2119457610-43-xxxx 603-002-00-5	1 - 5%	Flam. Liq. 2	H225 - -	-
1-propoxypropan-2-ol	1569-01-3 216-372-4 01-2119474443-37-xxxx -	1 - 5%	Flam. Liq. 3, Eye Irrit. 2	H226, H319 - -	-
alcohols, C12-15-branched and linear, ethoxylated propoxylated	120313-48-6 - 02-2119548491-37-0000 -	0.5 - <1%	Skin Irrit. 2, Eye Dam. 1, Aquatic Acute 1, Aquatic Chronic 3	H315, H318, H400, H412 - -	-
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]; and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)	55965-84-9 - 01-2120764691-48-xxxx 613-167-00-5	0.0001 - <0.0015%	Acute Tox. 3 - oral, Acute Tox. 3 - dermal, Skin Corr. 1B, Skin Sens. 1, Acute Tox. 3 - inhalation, Aquatic Acute 1, Aquatic Chronic 1	H301, H311, H314, H317, H331, H400, H410 - -	Skin Corr. 1B; H314: C ≥ 0,6 % Skin Irrit. 2; H315: 0,06 % ≤ C < 0,6 % Eye Irrit. 2; H319: 0,06 % ≤ C < 0,6 % Skin Sens. 1; H317: C ≥ 0,0015 %;

Substance additional information

For the complete text of H- / EUH-statements mentioned in this section, see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Description of first aid measures

First responders: Pay attention to self-protection.

Inhalation

Take the victim into fresh air.

Skin contact

In case of contact, immediately flush skin with plenty of water.

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Eye contact

In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Ingestion

Rinse mouth. Do NOT induce vomiting.

Information for doctors

For specialist advice physicians should contact the Poisons Information Service.

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

Inhalation

Dizziness

Skin contact

May cause an allergic skin reaction.

Eye contact

May cause eye irritation.

Ingestion

Nausea, vomiting, gastrointestinal discomfort.

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

For specialist advice physicians should contact the Poisons Information Service.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

The product is not flammable. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

Water jet. Do not use a water jet to prevent the scattering of flammable material.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products formed under fire conditions.

5.3. Advice for firefighters

Special protective equipment for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary.

Measures in case of fire

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with the material / product. Wear personal protective equipment.

6.2. Environmental precautions

Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.

6.3. Methods and material 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).

6.4. Reference to other sections

For information on storage and handling see section 7.

For information on exposure and personal protective equipment, see Section 8.

For information on incompatible materials, see Section 10.

For information on disposal see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Preventive handling precautions

Avoid direct contact with the material / product. Wear personal protective equipment.

General hygiene

When using, do not eat, drink or smoke.

7.2. Conditions for safe storage, including any incompatibilities

Suitable container and packaging materials for safe storage: store in original container.

Keep away from food, drink and animal feeding stuffs.

Store in a place accessible by authorized persons only.

Storage class according to TRGS 510: 10 (flammable liquids)

Storage temperature: 10°C to 40°C

7.3. Specific end use(s)

GISCODE: GU50

See section 1.2: All-purpose cleaner

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

National occupational exposure limits

Ingredient	CAS No. EC No.	Exposure limit ppm / mg/m³	Short-term exposure limit ppm / mg/m³	Source	Remark	Year
1-propoxypropan-2-ol (EU)	1569-01-3 216-372-4	50 -	75 -	Dow IHG	-	-

DNEL/DMEL

Product/Substance name (CAS No./EC No.)	Type	Exposure	Value	Population	Effects
Ethanol (64-17-5/200-578-6)	DNEL	Chronic (long term) Inhalation	950 mg/m³	Workers	Systemic
Ethanol (64-17-5/200-578-6)	DNEL	Acute (short term) Inhalation	1900 mg/m³	Workers	Local
Ethanol (64-17-5/200-578-6)	DNEL	Chronic (long term) Dermal	343 mg/kg	Workers	Systemic
Ethanol (64-17-5/200-578-6)	DNEL	Chronic (long term) Oral	87 mg/kg	Consumers	Systemic

PNEC/PEC

Product/Substance name (CAS No./EC No.)	Type	Environmental compartment	Value
Ethanol (64-17-5/200-578-6)	PNEC	Freshwater	960 µg/l
Ethanol (64-17-5/200-578-6)	PNEC	Marine water	790 µg/l
Ethanol (64-17-5/200-578-6)	PNEC	Sewage Treatment Plant	580 mg/l
Ethanol (64-17-5/200-578-6)	PNEC	Sediment (freshwater)	3.6 mg/kg
Ethanol (64-17-5/200-578-6)	PNEC	Soil	0.63 mg/kg

8.2. Exposure controls

Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas.

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Eye / face protection

Chemical-resistant safety glasses with side protection conforming to EN166.

Hand protection

Chemical-resistant protective gloves (EN 374)

Other skin protection

This type of personal protective equipment is not necessary under normal and foreseeable use of the product.

Respiratory protection

This type of personal protective equipment is not necessary under normal and foreseeable use of the product.

Thermal hazards

No

Environmental exposure controls

No

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Liquid

Colour

Blue

Odour

Fresh scent

Odour threshold

Not determined for the mixture.

Melting point / freezing point

Not determined for the mixture.

Boiling point or initial boiling point and boiling range

Not determined for the mixture.

Flammability

Not determined for the mixture.

Lower and upper explosion limit

The product / mixture has no explosive properties.

Flash point

> 60 °C

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Auto-ignition temperature

Not determined for the mixture.

Decomposition temperature

Not determined for the mixture.

pH

9

Kinematic viscosity

Not determined for the mixture.

Viscosity, dynamic

Not determined for the mixture.

Solubility

Water soluble

Water solubility

Water soluble

Partition coefficient n-octanol/water

No data available

Vapour pressure

Not determined for the mixture.

Density and/or relative density

1.005 g/cm³

Relative density

Not determined for the mixture.

Relative vapour density

Not determined for the mixture.

Evaporation Rate

Not determined for the mixture.

Explosive properties

The product / mixture has no explosive properties.

Oxidising properties

The product / mixture has no oxidizing properties.

VOC %

7.6 %

Particle characteristics

This product / mixture does not contain any nanomaterials or nanoforms as defined in Regulation (EC) 1907/2006.

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9.2. Other information
No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity
Stable at normal conditions.

10.2. Chemical stability
The product is chemically stable.

10.3. Possibility of hazardous reactions
None known.

10.4. Conditions to avoid
None known.

10.5. Incompatible materials
None known.

10.6. Hazardous decomposition products
Hazardous decomposition products formed under fire conditions.
For information on combustion products, see Section 5.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008
Toxicology data for the components

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

Product / Sub- stance name CAS / EC no.	Dose descriptor	Value / Dose	Exposure route	Duration of exposure	Test animals	Method / Guideline
Ethanol 64-17-5 / 200-578-6	LD50	> 2.000 mg/kg	Dermal	-	rabbit	OECD 402
Ethanol 64-17-5 / 200-578-6	LC50	> 20 mg/l	Inhalation	4 h	mouse	-
1-propoxy- propan-2-ol 1569-01-3 / 216-372-4	LD50	> 2.000 mg/kg	Oral	-	rat	-
1-propoxy- propan-2-ol	LD50	> 2.000 mg/kg	Dermal	-	rabbit	-

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Product / Sub- stance name CAS / EC no.	Dose descriptor	Value / Dose	Exposure route	Duration of exposure	Test animals	Method / Guideline
1569-01-3 / 216-372-4						
alcohols, C12- 15-branched and linear, ethoxylated propoxylated 120313-48-6 /	LD50	> 2.000 mg/kg	Oral	-	rat	-
Ethanol 64-17-5 / 200-578-6	LD50	10.470 mg/kg	Oral	-	rat	OECD 401

Skin corrosion/irritation

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

Serious eye damage/irritation

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

Respiratory or skin sensitisation

May cause an allergic skin reaction.

Germ cell mutagenicity

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

Carcinogenicity

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

Reproductive toxicity

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

STOT-single exposure

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

STOT-repeated exposure

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

Aspiration hazard

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

11.2. Information on other hazards

Endocrine disrupting properties

The mixture / product does not contain any ingredients with endocrine disrupting properties in terms of regulations (EC) 1907/2006 and (EU) 2018/605 and the delegated regulation (EU) 2017/2100.

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SECTION 12: Ecological information

12.1. Toxicity Acute fish toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline
alcohols, C12-15-branched and linear, ethoxylated propoxylated 120313-48-6 /	LC50	> 0,1 - < 1 mg/l	96 h	Brachydanio rerio (zebra fish)	OECD 203
Ethanol 64-17-5 / 200-578-6	LC50	8.140 mg/l	48 h	Leuciscus idus	-
1-propoxy-propan-2-ol 1569-01-3 / 216-372-4	LC50	> 100 mg/l	96 h	Oncorhynchus mykiss	OECD 203

Acute algae toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline
Ethanol 64-17-5 / 200-578-6	EC50	> 100 mg/l	Static test	Chlorella pyrenoidosa	OECD 201
Ethanol 64-17-5 / 200-578-6	EC50	275 mg/l	72 h	Chlorella vulgaris	OECD 201
1-propoxy-propan-2-ol 1569-01-3 / 216-372-4	ErC50	1.466 mg/l	96 h	Pseudokirchneriella subcapitata	OECD 201
alcohols, C12-15-branched and linear, ethoxylated propoxylated 120313-48-6 /	EC50	> 0,1 - < 1 mg/l	72 h	Scenedesmus subspicatus	OECD 201

Acute crustacean toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline
Ethanol	EC50	> 10.000 mg/l	48 h	Daphnia magna	-

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Product / Sub- stance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline
64-17-5 / 200-578-6					
1-propoxy- propan-2-ol 1569-01-3 / 216-372-4	LC50	> 100 mg/l	48 h	Daphnia magna	OECD 202
alcohols, C12-15- branched and lin- ear, ethoxylated propoxylated 120313-48-6 /	EC50	> 1 -< 10 mg/l	48 h	Daphnia magna	92/69/EWG, C.2

Micro-/macro organism toxicity

Product / Sub- stance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline
1-propoxy- propan-2-ol 1569-01-3 / 216-372-4	EC50	3.800 mg/l	16 h	Bacteria (activated sludge)	-
alcohols, C12-15- branched and lin- ear, ethoxylated propoxylated 120313-48-6 /	-	> 1.000 mg/l	-	Activated sludge	DEV-L2

12.2. Persistence and degradability

Persistence and degradability

The surfactants contained in this mixture / product meet the requirements for biodegradability in accordance with Regulation (EC) No. 648/2004 on detergents.

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

This mixture does not contain any substances that are classified as PBT or vPvB according to Article 57 / Annex XIII of the REACH regulation.

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12.6. Endocrine disrupting properties

The mixture / product does not contain any ingredients with endocrine disrupting properties in terms of regulations (EC) 1907/2006 and (EU) 2018/605 and the delegated regulation (EU) 2017/2100.

12.7. Other adverse effects

Other adverse effects

This product / mixture does not contain any substances within the meaning of Regulation (EC) No. 1005/2009 that deplete the ozone layer.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal considerations

Dispose of as hazardous waste in compliance with local and national regulations.

Packaging

Empty containers should be taken for local recycling, recovery or waste disposal.

Waste code	Waste description
20 01 29*	detergents containing hazardous substances

Please note - an asterisk (*) next to a code denotes that it is HAZARDOUS WASTE.

SECTION 14: Transport information

14.1. UN number

No dangerous goods in the sense of the transport regulations

14.2. UN proper shipping name

ADR / RID / ADN proper shipping name

-

14.3. Transport hazard class(es)

Label

-

14.4. Packing group

-

14.5. Environmental hazards

Environmental hazards

-

14.6. Special precautions for user

Special precautions for user

-

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14.7. Maritime transport in bulk according to IMO instruments

-

Other

Not applicable

SECTION 15: Regulatory information

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

EU regulations

Regulation (EC) No. 648/2004 (detergents)

Ingredients according to Annex VII: <5 % anionic surfactants, non-ionic surfactants, contains perfumes, preservation agents, METHYLCHLOROISOTHIAZOLINONE, METHYLISOTHIAZOLINONE.

Regulation (EC) No. 1272/2008 (CLP)

EU Regulation (EC) No. 1907/2006 (REACH)

Substances subject to authorization according to Annex XIV: not applicable

Substance restrictions according to Annex XVII: not applicable

Substances on the REACH candidate list (SVHC): not applicable

Regulation (EU) No. 528/2012 (BPR)

Active ingredients: not applicable

Regulation (EU) 2019/1148 (explosives)

Restricted raw material according to Annex I: not applicable

Notifiable raw materials according to Annex II: not applicable

Directive 2011/65 / EU (ROHS 2)

Substance restrictions according to Annex II: not applicable

Regulation (EU) 2019/1021 (POP)

Persistent organic pollutants: not applicable

Directive 2012/18/EU (Seveso III)

Seveso hazard category: not applicable

National regulations

In addition, comply with all national and local regulations for the handling of chemicals.

Other regulations, limitations and legal regulations

Take note of Dir 94/33/EC on the protection of young people at work.

15.2. Chemical safety assessment

The mixture has not been subjected to a safety assessment.

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SECTION 16: Other information

Changes to previous revision

Change in product identifier (1.1)

Abbreviations

ADN - Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure

ADR - Accord relatif au transport international des marchandises Dangereuses par Route

CAS - Chemical Abstract Service

CLP - Classification, Labelling and Packaging

DMEL - Derived Minimum Effect Level

DNEL - Derived no effect level

EC50 - Half maximal effective concentration 50%

GHS - Globally Harmonised System

IATA - International Air Transport Association

IMDG - International Maritime Dangerous Goods

LC50 - Lethal concentration 50%

LD50 - Lethal dosis 50 %

MARPOL - International Convention for the Prevention of Pollution from Ships

PBT - Persistent, bioaccumulative and toxic substance

PEC - Predicted Environmental Concentration

PNEC - predicted no effect concentration

REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals

RID - Reglement concernant le transport international ferroviaire de marchandises Dangereuses

SVHC - Substance of very high concern

vPvB - Very persistent, very bioaccumulative substance

References to key literature and data sources

REACH registration dossiers

ECHA C&L - Inventory

Safety data sheets from raw material suppliers

Evaluation methods for classification

Classification for mixtures and used evaluation method according to Article 9 of regulation (EC) 1272/2008 [CLP]:

Health hazards: calculation method

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Phrase meaning

Flam. Liq. 2 - Flammable liquids, hazard category 2
Flam. Liq. 3 - Flammable liquids, hazard category 3
Eye Irrit. 2 - Eye irritation, hazard category 2
Skin Irrit. 2 - Skin irritation, hazard category 2
Eye Dam. 1 - Serious eye damage, hazard category 1
Aquatic Acute 1 - Hazardous to the aquatic environment — Acute hazard category 1
Aquatic Chronic 3 - Hazardous to the aquatic environment — Chronic hazard category 3
Acute Tox. 3 - oral - Acute toxicity, oral, hazard category 3
Acute Tox. 3 - dermal - Acute toxicity, dermal, hazard category 3
Skin Corr. 1B - Skin corrosion, hazard category 1B
Skin Sens. 1 - Skin sensitisation, hazard category 1
Acute Tox. 3 - inhalation - Acute toxicity, inhalation, hazard category 3
Aquatic Chronic 1 - Hazardous to the aquatic environment — Chronic hazard category 1
H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H301 Toxic if swallowed.
H311 Toxic in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H331 Toxic if inhaled.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.
EUH208 Contains 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction.

Additional information

This safety data sheet is prepared in accordance with Commission Regulation (EU) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878.

Manufacturer's notes

Legal disclaimer: The above information is believed to be correct. This company shall not be held liable for any damage resulting from handling or from contact with the above product.