

ENG DATA SHEET QLEAN

STRAWBERRY

SAFETY DATA SHEET

2,Hazard(s) identification

GHS Label Element

Pictograms: None

Hazard statements:

H412 Harmful to aquatic life with long lasting effects

Precautionary statements

P273 Avoid release to the environment

P391 Collect spillage

P501 Dispose of contents/ container to in accordance with local/regional/ national/ international regulation(to be specified).

3,Composition/information

Scent	Contains	CAS#	Proportion
Sweet Strawberry	cis-3-Hexen-1-ol	928-96-1	2.5%
	Ethyl maltol	4940-11-8	3.0%
	Furaneol	3658-77-3	2.5%
	1, 2-Propanediol	57-55-6	92.00%

4,First-aid measures

Contact with skin:No damage to health is expected

Contact with eyes:Flush immediately with water for at least 10 Minutes.

Inhalation:No damage to health is expected.

Food flavoring should not be consumed.If put in mouth by accident ,wash mouth immediately.

5,Fire-fighting measures

Extinguishing media:Carbon dioxide,dry chemical,from .Do not use a direct water-jet on burning material.

Unusual fire and explosion hazards: None

Special fire fighting procedures:Use Self-contained.Hazardous decomposition products:CO2,CO Avoid inhalation of fumes and smoke.

6, Accidental release measures

Personal precautions: Avoid contact with skin long time and eyes.

Spillage: Remove ignition sources .Provide adequate ventilation.

Avoid excessive inhalation of vapors.Gross spillage should be contained by use of sand or inert power and disposed of according to the local regulations.

Environmental precautions:Keep away from drains,soil and surface

And ground water.

7,Handling and storage

Handling:Apply according to good manufacturing and industrial hygiene practices with proper ventilation.Do not drink,eat or smoke while handling. keep good personal hygiene.No special measures necessary if used correctly.observe the usual safely precautions to protect against fire and explosion.

Storage:Store in a cool,dry and ventilated area away from heat sources and protected from light in tightly closed original container.

Keep air contact to a minimum.

Fire protection:Keep away from ignition sources and naked flame.

8,Exposure controls/personal protection

Personal precaution

Environmental precaution:Contain and collect spillage.

Methods for cleaning up:Remove sources of ignition.Contain spill to smallest possible area;clean up with absorbent materials,paper towels,sand,dirt,etc.

Freshly cleaned area may be slippery;take precautions.

9,Physical and chemical properties

Appearance No Information

Odour Characteristic

PH Non aqueous mixture, not determined
Melting Point Not applicable
Initial boiling point and boiling point range Not applicable
Flash Point(°C)
Not applicable
Evaporation Rate Not determined
Vapour Pressure Not determined
Vapour Density Not determined
Refractive index(25°C) 1.4230-1.4430
Relative Density(25°C) 1.0190-1.0390
Peroxide value ≤ 0.5(g/100g)
Heavy metal content (Pb) ≤ 10(mg/kg)
Arsenic content (As) ≤ 3(mg/kg)
Solubility in Water No
Partition Co-efficient: octanol /water Not determined
Autoignition temperature Not determined
Decomposition temperature Not determined
Viscosity Not determined
Explosing properties Not applicable
oxidising properties Not applicable

10,Stability and reactivity

Reactivity:Presents no significant reactivity hazard,by itself or in contact with water.Avoid contact with strong acids,alkali or oxidizing agents.
Stability:Stable under normal conditions
Conditions to avoid:Stable under normal conditions
Materials to avoid: Strong-oxidizing agents
Decomposition:Carbon monoxide and unidentified organic compounds may be formed during combustion.

11 .toxicological information

Acute toxicity(LC50、LD50):None
Subacute and chronic toxicity: None
Thrill: None
Sensitization: None
Mutagenicity: None
Teratogenicity: None
Carcinogenicity: None

12. ecological information

Ecotoxicity: None
Biodegradability: None

Bioconcentration: None
Environment migration:If the product invades the soil,it may pollute the groundwater because of its high mobility.dissolved in water

13,Disposal considerations*

Dispose of according to local regulations.Avoid disposing into drainage systems.

14,Transport information*

UN Number:N/A
UN Proper Shipping Name:N/A
UN Class: N/A
UN Packaging Group: N/A
AND/RID/ADR:Not regulated as dangerous goods.
IMDG:Not regulated as dangerous goods.
IATA: Not regulated as dangerous goods.

15,Regulatory information*

Safety,health and environmental regulations/legislation specific for the substance or mixture
Regulation(EC)No. GB 30616-2020 Food safety national standard for food flavors
Chemical Safety Assessment
This product contains substances for which Chemical Safety Assessments are still required.

16,Other information

Physical form:liquid
The information in this MSDS was obtained from current and reliable source.It is only to describe the materials in terms with their safety requirements,and may not be valid for such material used in combination with any other material or in any other process.it is provided without warranty,express or implied,regarding its accuracy. It is the user's responsibility to determine safe conditions and to assume liability for inquiry, damage, or expense resulting from improper use of it.

ORANGE

SAFETY DATA SHEET

2,Hazard(s) identification

GHS Label Element

Pictograms: None

Hazard statements:

H412 Harmful to aquatic life with long lasting effects

Precautionary statements

P273 Avoid release to the environment

P391 Collect spillage

P501 Dispose of contents/ container to in accordance with local/regional/ national/ international regulation(to be specified).

3,Composition/information

Scent	Contains	CAS#	Proportion
Orange	Octyl aldehyde	124-13-0	1.0%
	Water	7732-18-5	25.0%
	Orangeoil,terpen eless	68606-94-0	50.0%
	Ethyl Alcohol	64-17-5	24.0%

4,First-aid measures

Contact with skin:No damage to health is expected

Contact with eyes:Flush immediately with water for at least 10 Minutes.

Inhalation:No damage to health is expected.

Food flavoring should not be consumed.If put in mouth by accident ,wash mouth immediately.

5,Fire-fighting measures

Extinguishing media:Carbon dioxide,dry chemical,from .Do not use a direct water-jet on burning material.

Unusual fire and explosion hazards: None

Special fire fighting procedures:Use Self-contained.Hazardous decomposition products:CO2,CO Avoid inhalation of fumes and smoke.

6, Accidental release measures

Personal precautions: Avoid contact with skin long time and eyes.

Spillage: Remove ignition sources .Provide adequate ventilation.

Avoid excessive inhalation of vapors.Gross spillage should be contained by use of sand or inert power and disposed of according to the local regulations.

Environmental precautions:Keep away from drains,soil and surface And ground water.

7,Handling and storage

Handling:Apply according to good manufacturing and industrial hygiene practices with proper ventilation.Do not drink,eat or smoke while handling. Keep good personal hygiene.No special measures necessary if used correctly.correctly. observe the usual safely precautions to protect against fire and explosion.

Storage:Store in a cool,dry and ventilated area away from heat sources and protected from light in tightly closed original container.

Keep air contact to a minimum.

Fire protection:Keep away from ignition sources and naked flame.

8,Exposure controls/personal protection

Personal precaution

Environmental precaution:Contain and collect spillage.

Methods for cleaning up:Remove sources of ignition.Contain spill to smallest possible area;clean up with absorbent materials,paper towels,sand,dirt,etc.

Freshly cleaned area may be slippery;take precautions.

9,Physical and chemical properties

Appearance No Information

Odour Characteristic

PH Non aqueous mixture, not determined
Melting Point Not applicable
Initial boiling point and boiling point range Not applicable
Flash Point(°C)
Not applicable
Evaporation Rate Not determined
Vapour Pressure Not determined
Vapour Density Not determined
Refractive index (25 °C)1.3510-1.3710
Relative Density (25 °C)0.8900-0.9100
Heavy metal content (Pb) ≤ 10(mg/kg)
Arsenic content (As) ≤ 3(mg/kg)
Solubility in Water No
Partition Co-efficient: octanol/ water Not determined
Autoignition temperature Not determined
Decomposition temperature Not determined
Viscosity Not determined
Explosing properties Not applicable
Oxidising properties Not applicable

10,Stability and reactivity

Reactivity:Presents no significant reactivity hazard,by itself or in contact with water.Avoid contact with strong acids,alkali or oxidizing agents.
Stability:Stable under normal conditions
Conditions to avoid:Stable under normal conditions
Materials to avoid: Strong-oxidizing agents
Decomposition:Carbon monoxide and unidentified organic compounds may be formed during combustion.

11 .toxicological information

Acute toxicity(LC50、LD50):None
Sub acute and chronic toxicity: None
Thrill: None
Sensitization: None
Mutagenicity: None
Teratogenicity: None
Carcinogenicity: None

12. ecological information

Ecotoxicity: None
Biodegradability: None
Bioconcentration: None

Environment migration:If the product invades the soil,it may pollute the groundwater because of its high mobility.dissolved in water

13,Disposal considerations*

Dispose of according to local regulations.Avoid disposing into drainage systems.

14,Transport information*

UN Number :N/A
UN Proper Shipping Name:N/A
UN Class: N/A
UN Packaging Group: N/A
AND/RID/ADR:Not regulated as dangerous goods.
IMDG:Not regulated as dangerous goods.
IATA: Not regulated as dangerous goods.

15,Regulatory information*

Safety,health and environmental regulations/legislation specific for the substance or mixture
Regulation(EC)No. GB 30616-2020 Food safety national standard for food flavors
Chemical Safety Assessment
This product contains substances for which Chemical Safety Assessments are still required.

16,Other information

Physical form:liquid
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BLUEBERRY

SAFETY DATA SHEET

2,Hazard(s) identification

GHS Label Element

Pictograms: None

Hazard statements:

H412 Harmful to aquatic life with long lasting effects

Precautionary statements

P273 Avoid release to the environment

P391 Collect spillage

P501 Dispose of contents/ container to in accordance with local/regional/ national/ international regulation(to be specified).

3,Composition/information

Scent	Contains	CAS#	Proportion
Blueberry	Ethyl butyrate	105-54-4	3.0%
	Vanillin	121-33-5	2.5%
	cis-3-Hexen-1-ol	928-96-1	2.0%
	Benzyl alcohol	100-51-6	2.5%
	1,2-Propanediol	57-55-6	90.0%

4,First-aid measures

Contact with skin:No damage to health is expected

Contact with eyes:Flush immediately with water for at least 10 Minutes.

Inhalation:No damage to health is expected.

Food flavoring should not be consumed.If put in mouth by accident ,wash mouth immediately.

5,Fire-fighting measures

Extinguishing media:Carbon dioxide,dry chemical,from .Do

not use a direct water-jet on burning material.

Unusual fire and explosion hazards: None

Special fire fighting procedures:Use Self-contained.Hazardous decomposition products:CO2,CO Avoid inhalation of fumes and smoke.

6, Accidental release measures

Personal precautions: Avoid contact with skin long time and eyes.

Spillage: Remove ignition sources .Provide adequate ventilation.

Avoid excessive inhalation of vapors.Gross spillage should be contained by use of sand or inert power and disposed of according to the local regulations.

Environmental precautions:Keep away from drains,soil and surface

And ground water.

7,Handling and storage

Handling:Apply according to good manufacturing and industrial hygiene practices with proper ventilation.Do not drink,eat or smoke while handing. keep good personal hygiene.No special measures necessary if used correctly.correctly. observe the usual safely precautions to protect against fire and explosion.

Storage:Store in a cool,dry and ventilated area away from heat sources and protected from light in tightly closed original container.

Keep air contact to a minimum.

Fire protection:Keep away from ignition sources and naked flame.

8,Exposure controls/personal protection

Personal precaution

Environmental precaution:Contain and collect spillage.

Methods for cleaning up:Remove sources of ignition.Contain spill to smallest possible area;clean up with absorbent materials,paper towels,sand,dirt,etc.

Freshly cleaned area may be slippery;take precautions.

9,Physical and chemical properties

Appearance No Information

Odour Characteristic

PH Non aqueous mixture, not determined

Melting Point Not applicable
Initial boiling point and boiling point range Not applicable
Flash Point(℃)
Not applicable
Evaporation Rate Not determined
Vapour Pressure Not determined
Vapour Density Not determined
Refractive index(25℃) 1.4258-1.4458
Relative Density(25℃) 1.0175-1.0375
Peroxide value ≤0.5(g/100g)
Heavy metal content (Pb) ≤10(mg/kg)
Arsenic content (As) ≤3(mg/kg)
Solubility in Water No
Partition Co-efficient: octanol /water Not determined
Autoignition temperature Not determined
Decomposition temperature Not determined
Viscosity Not determined
Explosing properties Not applicable
oxidising properties Not applicable

10,Stability and reactivity

Reactivity:Presents no significant reactivity hazard,by itself or in contact with water.Avoid contact with strong acids,alkali or oxidizing agents.

Stability:Stable under normal conditions

Conditions to avoid:Stable under normal conditions

Materials to avoid: Strong-oxidizing agents

Decomposition:Carbon monoxide and unidentified organic compounds may be formed during combustion.

11 .toxicological information

Acute toxicity(LC50、LD50):None

Subacute and chronic toxicity: None

Thrill: None

Sensitization: None

Mutagenicity: None

Teratogenicity: None

Carcinogenicity: None

12. ecological information

Ecotoxicity: None

Biodegradability: None

Bioconcentration: None

Environment migration:If the product invades the soil,it may pollute the groundwater because of its high mobility.dissolved in water

13,Disposal considerations*

Dispose of according to local regulations.Avoid disposing into drainage systems.

14,Transport information*

UN Number:N/A

UN Proper Shipping Name:N/A

UN Class: N/A

UN Packaging Group: N/A

AND/RID/ADR:Not regulated as dangerous goods.

IMDG:Not regulated as dangerous goods.

IATA: Not regulated as dangerous goods.

15,Regulatory information*

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

Regulation(EC)No. GB 30616-2020 Food safety national standard for food flavors

Chemical Safety Assessment

This product contains substances for which Chemical Safety Assessments are still required.

16,Other information

Physical form:liquid

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MINT

SAFETY DATA SHEET

1,Identification

Product identifier:Mint essence
Model: BR1316-11

This product is a food additive and cannot be eaten directly

2,Hazard(s) identification

GHS Label Element

Pictograms: None

Hazard statements:

H412 Harmful to aquatic life with long lasting effects

Precautionary statements

P273 Avoid release to the environment

P391 Collect spillage

P501 Dispose of contents/ container to in accordance with local/regional/ national/ international regulation(to be specified).

3,Composition/information

Scent	Contains	CAS#	Proportion
Mint	Peppermint oil	8006-90-4	7.0%
	Cornmint oil	68917-18-0	18.0%
	L-Menthol	89-78-1	2.0%
	1,2-Propanediol	57-55-6	73.0%

4,First-aid measures

Contact with skin:No damage to health is expected
Contact with eyes:Flush immediately with water for at least 10 Minutes.
Inhalation:No damage to health is expected.
Food flavoring should not be consumed.If put in mouth by accident ,wash mouth immediately.

5,Fire-fighting measures

Extinguishing media:Carbon dioxide,dry chemical,from .Do

not use a direct water-jet on burning material.
Unusual fire and explosion hazards: None
Special fire fighting procedures:Use Self-contained.Hazardous decomposition products:CO2,CO
Avoid inhalation of fumes and smoke.

6, Accidental release measures

Personal precautions: Avoid contact with skin long time and eyes.
Spillage: Remove ignition sources .Provide adequate ventilation.
Avoid excessive inhalation of vapors.Gross spillage should be contained by use of sand or inert power and disposed of according to the local regulations.
Environmental precautions:Keep away from drains,soil and surface
And ground water.

7,Handling and storage

Handling:Apply according to good manufacturing and industrial hygiene practices with proper ventilation.Do not drink,eat or smoke while handling. Keep good personal hygiene.No special measures necessary if used correctly.correctly. observe the usual safely precautions to protect against fire and explosion.
Storage:Store in a cool,dry and ventilated area away from heat sources and protected from light in tightly closed original container.
Keep air contact to a minimum.
Fire protection:Keep away from ignition sources and naked flame.

8,Exposure controls/personal protection

Personal precaution
Environmental precaution:Contain and collect spillage.
Methods for cleaning up:Remove sources of ignition.Contain spill to smallest possible area;clean up with absorbent materials,paper towels,sand,dirt,etc.
Freshly cleaned area may be slippery;take precautions.

9,Physical and chemical properties

Appearance No Information
Odour Characteristic
PH Non aqueous mixture, not determined

Melting Point Not applicable
Initial boiling point and boiling point range Not applicable
Flash Point(°C)
Not applicable
Evaporation Rate Not determined
Vapour Pressure Not determined
Vapour Density Not determined
Refractive index (25 °C)1.4262-1.4462
Relative Density (25 °C)1.0000-1.0200
Heavy metal content (Pb) ≤ 10(mg/kg)
Arsenic content (As) ≤ 3(mg/kg)
Solubility in Water No
Partition Co-efficient: octanol/ water Not determined
Autoignition temperature Not determined
Decomposition temperature Not determined
Viscosity Not determined
Explosing properties Not applicable
Oxidising properties Not applicable

10,Stability and reactivity

Reactivity:Presents no significant reactivity hazard,by itself or in contact with water.Avoid contact with strong acids,alkali or oxidizing agents.
Stability:Stable under normal conditions
Conditions to avoid:Stable under normal conditions
Materials to avoid: Strong-oxidizing agents
Decomposition:Carbon monoxide and unidentified organic compounds may be formed during combustion.

11 .toxicological information

Acute toxicity(LC50、 LD50):None
Sub acute and chronic toxicity: None
Thrill: None
Sensitization: None
Mutagenicity: None
Teratogenicity: None
Carcinogenicity: None

12. ecological information

Ecotoxicity: None
Biodegradability: None
Bioconcentration: None
Environment migration:If the product invades the soil,it

may pollute the groundwater because of its high mobility.dissolved in water

13,Disposal considerations*

Dispose of according to local regulations.Avoid disposing into drainage systems.

14,Transport information*

UN Number:N/A
UN Proper Shipping Name:N/A
UN Class: N/A
UN Packaging Group: N/A
AND/RID/ADR:Not regulated as dangerous goods.
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IATA: Not regulated as dangerous goods.

15,Regulatory information*

Safety,health and environmental regulations/legislation specific for the substance or mixture
Regulation(EC)No. GB 30616-2020 Food safety national standard for food flavors
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16,Other information

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