



SAFETY DATA SHEET ECOBeads MERLOT

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

1.1. Product identifier

Product name ECOBEADS MERLOT

Product number 63107

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

Identified uses Cosmetics Personal Care

1.3. Details of the supplier of the safety data sheet

Supplier Univar Solutions UK Ltd
Aquarius House
6 Mid Point Business Park
Bradford
BD3 7AY
+44 1274 267300
+44 1274 267306
SDS.EMEA@univarsolutions.com

1.4. Emergency telephone number

Emergency telephone SGS - +32 (0)3 575 55 55 (24h)

Sds No. 63107

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

2.2. Label elements

Hazard statements NC Not Classified

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

OCTADECYL STEARATE		60-100%
CAS number: 2778-96-3	EC number: 220-476-5	
Classification		
Not Classified		

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CANDELILLA WAX			5-10%
CAS number: 8006-44-8	EC number: 232-347-0		
Classification Not Classified			
SIMMONDSIA CHINENSIS (JOJOBA) SEED OIL			1-5%
CAS number: 92457-12-0	EC number: 296-292-4	REACH registration number: 01-2120747948-34-XXXX	
Exempt -Annex V exempted by Article 2(7)			
Classification Not Classified			
6-CHLORO-2-(6-CHLORO-4-METHYL-3-OXOBENZO[B]THIEN-2(3H)-YLIDENE)-4-METHYLBENZO[B]THIOPHENE-3(2H)-ONE			1-5%
CAS number: 2379-74-0	EC number: 219-163-6	REACH registration number: 01-2120092313-61-XXXX	
Classification Not Classified			
HYDRATED MAGNESIUM SILICATE			<1%
CAS number: 14807-96-6	EC number: 238-877-9		
Exempt -Annex V exempted by Article 2(7)			
Classification Not Classified			
PRUSSIAN BLUE			<1%
CAS number: 14038-43-8	EC number: 247-305-7		
Classification Not Classified			

The full text for all hazard statements is displayed in Section 16.

Composition comments The data shown are in accordance with the latest EC Directives.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
Ingestion	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Give plenty of water to drink. Get medical attention if any discomfort continues.

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Skin contact	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention promptly if symptoms occur after washing.
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

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

Eye contact	May cause temporary eye irritation.
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4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards	Dust may form explosive mixture with air.
Hazardous combustion products	Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

5.3. Advice for firefighters

Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Follow precautions for safe handling described in this safety data sheet. Provide adequate ventilation. Avoid inhalation of dust. Avoid contact with skin and eyes. Take precautionary measures against static discharges.
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6.2. Environmental precautions

Environmental precautions	Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.
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6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Remove spillage with vacuum cleaner or collect with a shovel and broom, or similar. Flush contaminated area with plenty of water. Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13.
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6.4. Reference to other sections

Reference to other sections	For personal protection, see Section 8.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions	Avoid spilling. Avoid contact with skin and eyes. Provide adequate ventilation. Avoid handling which leads to dust formation. Take precautionary measures against static discharges.
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7.2. Conditions for safe storage, including any incompatibilities

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Storage precautions

Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. Store at temperatures not exceeding 35°C.

7.3. Specific end use(s)

Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

6-CHLORO-2-(6-CHLORO-4-METHYL-3-OXOBENZO[B]THIEN-2(3H)-YLIDENE)-4-METHYLBENZO[B]THIOPHENE-3(2H)-ONE

Long-term exposure limit (8-hour TWA): WEL 4 mg/m³ total dust

Short-term exposure limit (15-minute): WEL 10 mg/m³ total dust

HYDRATED MAGNESIUM SILICATE

Long-term exposure limit (8-hour TWA): WEL 1 mg/m³ respirable dust

WEL = Workplace Exposure Limit.

CANDELILLA WAX (CAS: 8006-44-8)

Ingredient comments

No exposure limits known for ingredient(s).

6-CHLORO-2-(6-CHLORO-4-METHYL-3-OXOBENZO[B]THIEN-2(3H)-YLIDENE)-4-METHYLBENZO[B]THIOPHENE-3(2H)-ONE (CAS: 2379-74-0)

Ingredient comments

WEL = Workplace Exposure Limits

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation.

Eye/face protection

Tight-fitting safety glasses. Personal protective equipment for eye and face protection should comply with European Standard EN166.

Hand protection

The most suitable glove should be chosen in consultation with the glove supplier/manufacture, who can provide information about the breakthrough time of the glove material. Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. To protect hands from chemicals, gloves should comply with European Standard EN374.

Other skin and body protection

Wear suitable protective clothing as protection against splashing or contamination.

Hygiene measures

Wash at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke.

Respiratory protection

No specific recommendations. Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m³. Wear a respirator fitted with the following cartridge: Particulate filter, type P2. EN 136/140/141/145/143/149

SECTION 9: Physical and chemical properties

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9.1. Information on basic physical and chemical properties

Appearance	Solid
Colour	Red-brown.
Odour	Waxy solid.
Odour threshold	No information available.
pH	No information available.
Melting point	55°C
Pour Point	No information available.
Freezing Point	No information available.
Initial boiling point and range	> 240°C
Flash point	290°C
Evaporation rate	No information available.
Evaporation factor	No information available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	No information available.
Other flammability	No information available.
Vapour pressure	No information available.
Vapour density	> 1
Relative density	0.85 – 0.91 @ 25°C
Bulk density	No information available.
Solubility(ies)	Insoluble in water.
Partition coefficient	No information available.
Auto-ignition temperature	No information available.
Decomposition Temperature	No information available.
Viscosity	No information available.
Explosive properties	No information available.
Explosive under the influence of a flame	No information available.
Oxidising properties	No information available.

9.2. Other information

Other information	Not available.
Refractive index	No information available.
Particle size	No information available.
Molecular weight	No information available.
Volatility	No information available.

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Saturation concentration	No information available.
Critical temperature	No information available.
Volatile organic compound	No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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10.2. Chemical stability

Stability	Stable at normal ambient temperatures.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Will not polymerise.
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10.4. Conditions to avoid

Conditions to avoid	Avoid excessive heat for prolonged periods of time.
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10.5. Incompatible materials

Materials to avoid	Oxidising agents.
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10.6. Hazardous decomposition products

Hazardous decomposition products	Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Skin corrosion/irritation

Skin corrosion/irritation	No information available.
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Serious eye damage/irritation

Serious eye damage/irritation	No information available.
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Respiratory sensitisation

Respiratory sensitisation	No information available.
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Skin sensitisation

Skin sensitisation	No information available.
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Germ cell mutagenicity

Genotoxicity - in vitro	No information available.
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Carcinogenicity

Carcinogenicity	No information available.
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Reproductive toxicity

Reproductive toxicity - fertility	No information available.
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Specific target organ toxicity - single exposure

STOT - single exposure	No information available.
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Specific target organ toxicity - repeated exposure

STOT - repeated exposure	No information available.
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Aspiration hazard

Aspiration hazard No information available.

Inhalation

Dust in high concentrations may irritate the respiratory system.

Ingestion

No harmful effects expected from quantities likely to be ingested by accident.

Skin contact

Skin irritation should not occur when used as recommended.

Eye contact

Particles in the eyes may cause irritation and smarting.

Toxicological information on ingredients.

CANDELILLA WAX

Acute toxicity - oral

Notes (oral LD₅₀) LD₅₀ >2000 mg/kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD₅₀) No information available.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) No information available.

Skin corrosion/irritation

Animal data May be slightly irritating to skin. Based on available data the classification criteria are not met.

Serious eye damage/irritation

Serious eye damage/irritation May be slightly irritating to eyes. Based on available data the classification criteria are not met.

Respiratory sensitisation

Respiratory sensitisation Not sensitising. Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisation Not sensitising. Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitro This substance has no evidence of mutagenic properties. Based on available data the classification criteria are not met.

Carcinogenicity

Carcinogenicity No information available.

Reproductive toxicity

Reproductive toxicity - fertility No evidence of reproductive toxicity in animal studies. Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

STOT - single exposure Not classified as a specific target organ toxicant after a single exposure.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard

Aspiration hazard Based on available data the classification criteria are not met.

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Inhalation	Dust may irritate the eyes and the respiratory system. Headache.
Ingestion	May cause discomfort if swallowed. Nausea, vomiting.
Skin contact	May be slightly irritating to skin. Contact with hot product can cause serious thermal burns.
Eye contact	May be slightly irritating to eyes.

6-CHLORO-2-(6-CHLORO-4-METHYL-3-OXOBENZO[B]THIEN-2(3H)-YLIDENE)-4-METHYLBENZO[B]THIOPHENE-3(2H)-ONE

Acute toxicity - oral

Notes (oral LD₅₀) LD₅₀ > 2000.0000 mg/kg, Oral,

Skin corrosion/irritation

Animal data Not irritating. Rabbit

Serious eye damage/irritation

Serious eye damage/irritation May be slightly irritating to eyes. Rabbit

Respiratory sensitisation

Respiratory sensitisation Not sensitising.

Skin sensitisation

Skin sensitisation Not sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro No information available.

Carcinogenicity

Carcinogenicity No information available.

Reproductive toxicity

Reproductive toxicity - fertility No information available.

Specific target organ toxicity - single exposure

STOT - single exposure No information available.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure No information available.

Aspiration hazard

Aspiration hazard No information available.

Inhalation	Dust in high concentrations may irritate the respiratory system.
Ingestion	May cause discomfort if swallowed.
Skin contact	Skin irritation should not occur when used as recommended.
Eye contact	Solid particles trapped behind the eyelid may cause abrasive damage.

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Acute toxicity - oral

Notes (oral LD₅₀) No information available.

Acute toxicity - dermal

Notes (dermal LD₅₀) No information available.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) No information available.

Skin corrosion/irritation

Animal data No information available.

Serious eye damage/irritation

Serious eye damage/irritation No information available.

Respiratory sensitisation

Respiratory sensitisation No information available.

Skin sensitisation

Skin sensitisation No information available.

Germ cell mutagenicity

Genotoxicity - in vitro No information available.

Carcinogenicity

IARC carcinogenicity IARC Group 2B Possibly carcinogenic to humans.

Reproductive toxicity

Reproductive toxicity - fertility No information available.

Specific target organ toxicity - single exposure

STOT - single exposure No information available.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure No information available.

Aspiration hazard

Aspiration hazard No information available.

Inhalation Dust may irritate the respiratory system.

Ingestion May cause discomfort if swallowed.

Skin contact Prolonged contact may cause dryness of the skin.

Eye contact May cause temporary eye irritation.

SECTION 12: Ecological information

Ecotoxicity

The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

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Ecological information on ingredients.

CANDELILLA WAX

Ecotoxicity The product is not expected to be hazardous to the environment. However, large or frequent spills may have hazardous effects on the environment.

6-CHLORO-2-(6-CHLORO-4-METHYL-3-OXOBENZO[B]THIEN-2(3H)-YLIDENE)-4-METHYLBENZO[B]THIOPHENE-3(2H)-ONE

Ecotoxicity The product is not expected to be hazardous to the environment. However, large or frequent spills may have hazardous effects on the environment.

HYDRATED MAGNESIUM SILICATE

Ecotoxicity The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

12.1. Toxicity

Toxicity Not considered toxic to fish.

Ecological information on ingredients.

CANDELILLA WAX

Toxicity Not considered toxic to fish.

6-CHLORO-2-(6-CHLORO-4-METHYL-3-OXOBENZO[B]THIEN-2(3H)-YLIDENE)-4-METHYLBENZO[B]THIOPHENE-3(2H)-ONE

Toxicity Not considered toxic to fish.

HYDRATED MAGNESIUM SILICATE

Toxicity Not considered toxic to fish.

12.2. Persistence and degradability

Persistence and degradability Moderately biodegradable.

Ecological information on ingredients.

CANDELILLA WAX

Persistence and degradability There are no data on the degradability of this product.

6-CHLORO-2-(6-CHLORO-4-METHYL-3-OXOBENZO[B]THIEN-2(3H)-YLIDENE)-4-METHYLBENZO[B]THIOPHENE-3(2H)-ONE

Persistence and degradability The product is moderately biodegradable.

HYDRATED MAGNESIUM SILICATE

Persistence and degradability There are no data on the degradability of this product.

12.3. Bioaccumulative potential

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Bioaccumulative potential The product is not bioaccumulating.

Partition coefficient No information available.

Ecological information on ingredients.

CANDELILLA WAX

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient No information available.

6-CHLORO-2-(6-CHLORO-4-METHYL-3-OXOBENZO[B]THIEN-2(3H)-YLIDENE)-4-METHYLBENZO[B]THIOPHENE-3(2H)-ONE

Bioaccumulative potential Accumulates in soil and water systems.

Partition coefficient log Pow: 5.91

HYDRATED MAGNESIUM SILICATE

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient No information available.

12.4. Mobility in soil

Mobility Insoluble in water.

Ecological information on ingredients.

CANDELILLA WAX

Mobility The product is insoluble in water.

6-CHLORO-2-(6-CHLORO-4-METHYL-3-OXOBENZO[B]THIEN-2(3H)-YLIDENE)-4-METHYLBENZO[B]THIOPHENE-3(2H)-ONE

Mobility The product is insoluble in water.

HYDRATED MAGNESIUM SILICATE

Mobility The product is insoluble in water and will spread on the water surface.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

Ecological information on ingredients.

CANDELILLA WAX

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current EU criteria.

6-CHLORO-2-(6-CHLORO-4-METHYL-3-OXOBENZO[B]THIEN-2(3H)-YLIDENE)-4-METHYLBENZO[B]THIOPHENE-3(2H)-ONE

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current EU criteria.

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HYDRATED MAGNESIUM SILICATE

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects Not determined.

Ecological information on ingredients.

CANDELILLA WAX

Other adverse effects No information available.

6-CHLORO-2-(6-CHLORO-4-METHYL-3-OXOBENZO[B]THIEN-2(3H)-YLIDENE)-4-METHYLBENZO[B]THIOPHENE-3(2H)-ONE

Cod 2987.6 g/g

HYDRATED MAGNESIUM SILICATE

Other adverse effects Not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Do not puncture or incinerate, even when empty. Waste should be treated as controlled waste.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

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Transport in bulk according to Not applicable.
Annex II of MARPOL 73/78
and the IBC Code

SECTION 15: Regulatory information

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

EU legislation

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) (as amended).

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Commission Regulation (EU) No 2015/830 of 28 May 2015.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

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Abbreviations and acronyms used in the safety data sheet

ATE: Acute Toxicity Estimate.
 ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
 ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
 CAS: Chemical Abstracts Service.
 DNEL: Derived No Effect Level.
 IATA: International Air Transport Association.
 IMDG: International Maritime Dangerous Goods.
 Kow: Octanol-water partition coefficient.
 LC₅₀: Lethal Concentration to 50 % of a test population.
 LD₅₀: Lethal Dose to 50% of a test population (Median Lethal Dose).
 PBT: Persistent, Bioaccumulative and Toxic substance.
 PNEC: Predicted No Effect Concentration.
 REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.
 RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.
 vPvB: Very Persistent and Very Bioaccumulative.
 IARC: International Agency for Research on Cancer.
 MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978.
 cATpE: Converted Acute Toxicity Point Estimate.
 BCF: Bioconcentration Factor.
 BOD: Biochemical Oxygen Demand.
 EC₅₀: 50% of maximal Effective Concentration.
 LOAEC: Lowest Observed Adverse Effect Concentration.
 LOAEL: Lowest Observed Adverse Effect Level.
 NOAEC: No Observed Adverse Effect Concentration.
 NOAEL: No Observed Adverse Effect Level.
 NOEC: No Observed Effect Concentration.
 LOEC: Lowest Observed Effect Concentration.
 DMEL: Derived Minimal Effect Level.
 EL50: Exposure Limit 50
 hPa: Hectopascal
 LL50: Lethal Loading fifty
 OECD: Organisation for Economic Co-operation and Development
 POW: Octanol-water partition coefficient
 SCBA: self-contained breathing apparatus
 STP: Sewage Treatment Plant
 VOC: Volatile Organic Compounds

Classification abbreviations and acronyms

Acute Tox. = Acute toxicity
 Aquatic Acute = Hazardous to the aquatic environment (acute)
 Aquatic Chronic = Hazardous to the aquatic environment (chronic)

Key literature references and sources for data

Supplier's information.

Revision comments

NOTE: Lines within the margin indicate significant changes from the previous revision.

Revision date

29/11/2021

Version number

1.000

SDS number

63107

SDS status

Approved.

ECOBeads Merlot

Signature

Jitendra Panchal

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