

Jelly Belly Berry Blue Concentrated Disinfectant Safety Data Sheet

1. Identification of the substance/ mixture and of the company/undertaking

- 1.1 Product: Jelly Belly Berry Blue Concentrated Disinfectant
-Liquid product
-Product does not contain any nanomaterials
- 1.2 Use of the preparation: A concentrate for the production of a general purpose disinfectant for the control of microbes on hard surfaces, and to eliminate odours around the home
- 1.3 Company: MPM Consumer Products Ltd
33 Croft Street
Clayton
Manchester
M11 4RQ
Tel: (0161)2316111 Fax: (0161)231 7100
www.mpmconsumerproducts.com
- 1.4 Emergency Telephone: UK- Emergency Telephone (0161)2316111

2. Hazards Identification

2.1 Classification of the substance or mixture

Classification: : Mixture

Physical Hazards:- Not Classified

Health Hazards:- Skin Irrit 2 – H315
Elicitation – EUH 208

Environmental Hazards- Aquatic Chronic 3 – H412

2.2 Label elements

Pictogram



Signal word

WARNING

Hazard statements

H315 Causes skin irritation
EUH208 Contains Methylchloroisothiazolinone/ Methylisothiazolinone. May produce an allergic reaction.
H319 Causes serious eye irritation
H412- Harmful to aquatic life with long lasting effects

Precautionary statements

P102 Keep out of reach of children
P103 Read label before use.
P264 Wash exposed skin thoroughly after handling
P273 Avoid release to the environment.

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P302 + P352. If on skin : Wash with plenty of soap and water
 P332 + P313 - If skin irritation occurs: Get medical advice / attention.
 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 requirements for domestic waste disposal

Detergent labelling

Contains amongst other ingredients: < 5% Cationic surfactants, < 5% Non-ionic surfactants. Also contains Perfume -Limonene, Linalool; preservative - Methylchloroisothiazolinone, Methylisothiazolinone. Disinfectant: Benzalkonium Chloride (1.23g /100g)

Supplementary precautionary statements

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection

2.3 Other hazards

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

3. Composition/ Information on Ingredients

3.2 Mixtures

Quaternary ammonium compounds, benzyl-C12-16 (even numbered)-alkyldimethyl, chlorides CAS no: 68424-85-1 EC no: 939-350-2 REACH registration no: 01-2119970550-39-XXXX M factor (Acute) = 10 M factor (Chronic) = 1	1.0 - <5%
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Classification under CLP Acute Tox. Oral 4 - H302 Acute Tox. Dermal 4 - H312 Skin Corr. 1B - H314 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

Alcohols, C12-13- branched and linear, ethoxylated (>= 2.5 EO) CAS no: 160901-19-9 EC No.: 931-954-4 REACH No.: Not relevant (polymer)	1.0 - <5%
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Classification under CLP Eye Dam. 1 - H318 Acute Tox. 4 - H302 Aquatic Chronic 3-H412

Mixture of 5-Chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one <0.0025% CAS no: 55965-84-9 EC no: 611-341-5 M factor (Acute)=1
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Classification under CLP

Skin Corr 1C – H314
 Eye Dam. 1- H318
 Aquatic Acute 1 – H400
 Aquatic Chronic 1 – H410
 Skin Sens. 1 – H317

The full text for all Hazard Statements are Displayed in section 16

4. First Aid Measures

4.1. Description of first aid measures

Inhalation: Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

Ingestion: Rinse mouth out with water and drink copious amounts of water. Do not induce vomiting. If symptoms persist seek medical advice.

Skin contact: Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

Eye contact: Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

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

Inhalation: Not expected to be irritating to the respiratory system. Not volatile therefore limited inhalation exposure anticipated

Ingestion: May cause mild stomach upset

Skin contact: May cause skin sensitisation or allergic reactions in sensitive individuals

Eye contact: May cause severe irritation to eyes.

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

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

5. Fire Fighting Measures

5.1. Extinguishing media

Extinguishing media : Use fire-extinguishing media appropriate for surrounding materials.

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: No specific firefighting precautions applicable when small quantities are involved in the fire

Hazardous combustion products: Carbon dioxide (CO₂). Carbon monoxide (CO). Nitrous gases(NO_x). Oxides of sulphur

5.3. Advice for firefighters

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Protective equipment for fire-fighters: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

6. Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions : Take care as floors and other surfaces may become slippery.

6.2. Environmental precautions

Environmental precautions: Large Spillages - Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up: Take care as floors and other surfaces may become slippery. Large Spillages: Absorb spillage with suitable absorbent material. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. For waste disposal, see Section 13.

6.4. Reference to other sections

Reference to other sections: See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

7. Handling and Storage

7.1. Precautions for safe handling

Usage precautions: Read and follow manufacturer's recommendations on label. Handle all packages and containers carefully to minimise spills. Keep container tightly sealed when not in use.

Advice on general occupational hygiene: Remove contaminated clothing and protective equipment before entering eating areas. Wash at the end of each work shift and before eating, smoking and using the toilet.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions : Store in tightly-closed, original container. Store upright in a cool , safe place away from direct sunlight.

7.3. Specific end use(s)

Specific end use(s): As stated in Section 1.2.

8. Exposure controls/ Personal Protection

8.1. Control parameters

Occupational exposure limits

Mixture does not contain any substances with declared occupational exposure limits

8.2. Exposure controls

Appropriate engineering

Provide adequate ventilation. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with European Standard EN166.

Hand protection

For users with sensitive skin, it is recommended that suitable protective gloves are worn.

Other skin and body protection

Wear appropriate clothing to prevent repeated or prolonged skin contact.

Hygiene measures

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

Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn.

Environmental exposure controls

Keep container tightly sealed when not in use. Provide adequate ventilation. Observe any occupational exposure limits for the product or ingredients.

9. Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance:	Clear Liquid
Colour:	Blue
Odour:	Blueberry
Odour Threshold :	Not available.
pH:	5.9-6.9
Melting point :	~0°C
Initial boiling point and range :	102°C
Flash point:	Not available.
Evaporation rate:	Not available.
Evaporation factor:	Not available.
Flammability (solid, gas):	The product is not flammable.
Upper/lower flammability or explosive limits:	Not available.
Vapour pressure :	Not available.
Vapour density:	Not available.
Relative density:	0.99-1.01 @ 20°C
Bulk density:	Not available.
Solubility(ies):	Soluble in water.
Partition coefficient :	Not available.
Auto-ignition temperature:	Not available.
Decomposition Temperature:	Not available.
Viscosity:	Not available.
Explosive properties:	Not considered to be explosive.
Oxidising properties:	Does not meet the criteria for classification as oxidising.

9.2 Other Information

Other Information : No information required

10. Stability and Reactivity

10.1. Reactivity

See the other subsections of this section for further details.

10.2. Chemical stability

Stability : Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time.

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10.5. Incompatible materials

Materials to avoid: No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

Does not decompose when used and stored as recommended.

11. Toxicological Information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Information given is based on data of the components and of similar products

Acute toxicity - oral

Based on available data the classification criteria are not met.

Acute toxicity - dermal

Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Based on available data the classification criteria are not met.

Skin corrosion/irritation

Causes skin irritation

Serious eye damage/ irritation

Based on available data the classification criteria are not met.

Respiratory sensitisation

Based on available data the classification criteria are not met.

Skin sensitisation

May cause skin sensitisation or allergic reactions in sensitive individual.

Germ cell mutagenicity

Genotoxicity - in vitro

Based on available data the classification criteria are not met.

Carcinogenicity

Based on available data the classification criteria are not met.

Reproductive toxicity

Reproductive toxicity - fertility

Based on available data the classification criteria are not met.

Reproductive toxicity - development

Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

STOT - single exposure

Based on available data the classification criteria are not met.

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Specific target organ toxicity - repeated exposure

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.

Toxicological information on ingredients.

Quaternary ammonium compounds, benzyl-C12-16 (even numbered)-alkyldimethyl, chlorides

Acute toxicity - oral

Acute toxicity oral (LD50 mg/kg) 344

Species Rat

Raw material suppliers' information. Hazardous calculated

Acute toxicity - dermal

Acute toxicity dermal (LD50 mg/kg) 3340

Species Rabbit

Raw material suppliers' information. Hazardous calculated.

Alcohols, C12-13- branched and linear, ethoxylated (>= 2.5 EO)

Acute toxicity - oral

Acute toxicity oral (LD50 mg/kg) >300<2000

Species Rat

Raw material suppliers' information. Harmful if swallowed.

ATE oral (mg/kg) 555.56

Acute toxicity - dermal

Acute toxicity dermal (LD50 mg/kg) >2000 Based on available data the classification criteria are not met

Species Rat

5-Chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one

Acute toxicity - oral

Acute toxicity oral (LD50 mg/kg) >2000 Based on available data the classification criteria are not met

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD50 mg/kg) >5000 Based on available data the classification criteria are not met

Species Rat

Skin Corrosion/Irritation Causes sever skin burns and eye damage

Serious eye damage/ irritation Cause serious eye damage

Skin Sensitisation May cause an allergic skin reaction

11.2. Information on other hazards

No known endocrine disrupting effects

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12. Ecological Information

12.1. Toxicity

Harmful to aquatic life with long lasting effects. Large or frequent spills may have an adverse effect on the environment

Ecological information on ingredients.

Quaternary ammonium compounds, benzyl-C12-16 (even numbered)-alkyldimethyl, chlorides

Fish	LC50 96hr	0.28 mg/l
Daphnia	EC50 48hr	0.016mg/l
Alga	ErC50	0.049 mg/l

Alcohols, C12-13- branched and linear, ethoxylated (>= 2.5 EO)

Fish	EC50, 96hrs	>0.1 -1 mg/l
Daphnia	EC 50, 48hrs	>0.1 -1 mg/l
Algae	EC 50, 72hrs	>0.1 -1 mg/l

5-Chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one

Fish (rainbow trout)	LC50, 96hrs	0.22mg/l
Daphnia	EC 50, 48hrs	6.7 mg/l
Alga (<i>Pseudokirchneriella subcapitata</i>)	NOEC , 72hrs	0.0012mg/l

12.2. Persistence and degradability

Persistence and degradability

The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

Ecological information on ingredients.

Quaternary ammonium compounds, benzyl-C12-16 (even numbered)-alkyldimethyl, chlorides

Persistence and degradability The product is readily biodegradable.

Alcohols, C12-13- branched and linear, ethoxylated (>= 2.5 EO)

Persistence and degradability This surfactant complies with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents

5-Chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one

Persistence and degradability The product is considered readily biodegradable in the environment.

12.3 Bioaccumulative potential

No data available on bioaccumulation. **Partition coefficient** Not available

Ecological information on ingredients.

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Quaternary ammonium compounds, benzyl-C12-16 (even numbered)-alkyldimethyl, chlorides

No bioaccumulation potential

Alcohols, C12-13- branched and linear, ethoxylated (>= 2.5 EO)

Bioaccumulation is unlikely

5-Chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one

Log Kow ≤ -0.71: (n-Octanol/ water) **BCF** 3.16 (calculated)

12.4 Mobility in soil

The mixture is expected to be fully mobile through soil

Quaternary ammonium compounds, benzyl-C12-16 (even numbered)-alkyldimethyl, chlorides

Readily adsorbed into soil

Alcohols, C12-13- branched and linear, ethoxylated (>= 2.5 EO)

Adsorption/Soil; Koc: > 5000; QSAR

5-Chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one

No data available

12.5 Results of PBT and vPvB assessment

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

12.6 Endocrine disrupting properties

None known

12.7 Other adverse effects

None known

13. Disposal Considerations

13.1. Waste treatment methods

Disposal methods : Dispose of contents/container in accordance with national regulations

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.

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14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code : Not applicable.

15. Regulatory Information

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

National regulations

EH40/2005 Workplace exposure limits. The Chemical (Hazard Information and Packaging for Supply) Regulation 2009 (SI 2009 No. 716)

EU legislation

- Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).
- 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).
- Regulation (EC) No. 1907/2006 of the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
- Regulation (EC) No. 648/2004 of the European Parliament and of the Council of 31st March 2004 on detergents.

15.2 Chemical safety assessment:

No Chemical Safety Assessment has been carried out.

16. Other Information

Revision Comments: New Product

Revision Date 10/1/2022

Revision 1

Hazard Statements In Full

H302 Harmful if swallowed
H312: Harmful in contact with skin
H314 Causes severe 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
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.
EUH 208 May produce an allergic reaction

Disclaimer

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