

SAFETY DATA SHEET

According to Regulation 2020/878

Dyson 02 Probiotic Hard Floor Cleaning Solution

Section 1. IDENTIFICATION OF THE SUBSTANCE /MIXTURE AND THE COMPANY/ UNDERTAKING

1.1. Product identifier Dyson 02 Probiotic Hard Floor Cleaning Solution
Other means of identification: UFI: Not required as product is not classified as hazardous

1.2. Relevant identified uses of the substance or mixture and uses advised against
Biological Hard Floor Cleaner

1.3. Details of the supplier of the safety data sheet
Genesis Biosciences
Unit P1, Capital Business Park
Capital Point, Parkway
Cardiff CF3 2PU
United Kingdom
Tel: +44 (0) 29 2079 1185
info@genesisbiosciences.com

1.4. Emergency telephone number
Telephone +44 (0) 29 2079 1185 (8am-5.30pm GMT Monday to Friday)

Section 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture
Classification according to 1272/2008/EC

This material is not classified as hazardous according to Regulation 1272/2008/EC as amended on classification, labelling and packaging of substances and mixtures.

2.2. Label elements

Labelling according to 1272/2008/EC

No Hazard Pictograms, Signal words, Hazard statements or Precautionary statements required

Detergent labelling

Contains < 5% perfume, Contains Phenoxyethanol.

2.3. Other hazards None identified. Does not contain ingredients known to cause, or suspected of causing, endocrine disruption.

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Section 3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable, material is a mixture

3.2. Mixtures

This material is not classified as hazardous according to Regulation 1272/2008/EC as amended on classification, labelling and packaging of substances and mixtures. Individual ingredients are not declared as they fall below the concentration limits as defined in Annex II Annex II of (EU) No 453/2010

Section 4. FIRST AID MEASURES

4.1. Description of first aid measures

Eye Contact Rinse immediately with plenty of water for at least 5 minutes holding the eyelids open.

Skin Contact Wash off with soap and water.

Inhalation Move the exposed person to fresh air.

Ingestion Rinse mouth thoroughly. No need for first aid is anticipated.

Seek medical attention if any symptoms persist.

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

None expected.

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

No special treatment required

Section 5. FIRE FIGHTING MEASURES

5.1. Extinguishing media Product is an aqueous liquid and is not flammable. Use extinguishing media appropriate to the surrounding fire conditions

5.2. Special hazards arising from the substance or mixture

Product is an aqueous liquid so is not expected to burn or create special hazards

5.3. Advice for firefighters Wear full protective clothing and suitable respiratory equipment when necessary

Section 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

As a precaution, wear approved safety glasses or goggles and impervious chemical resistant gloves. Wear protective clothing such as overalls if spillage involves large amounts (e.g. >20 litres)

6.2. Environmental precautions

Do not allow large amounts (i.e. more than 20 litres) of product to enter drains undiluted. Do not allow spillages to enter an open water course or surface water. Prevent further spillage if safe.

6.3. Methods and material for containment and cleaning up

Small spillages (<20 litres) can be washed to drain with water (but not to one that leads to an open water course or surface water). For larger spillages, absorb with inert material and sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water

6.4. Reference to other sections

See sections 8 and 13 for additional information

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Section 7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid contact with eyes. Adopt best Manual Handling considerations when handling, carrying and dispensing.

7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool dry, well-ventilated area. Keep containers tightly closed. Store in correctly labelled containers

7.3. Specific end use(s)

No exposure scenario currently available

Section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters	No exposure limits applicable to components in this product
8.2. Exposure controls	
Engineering measures	No special requirements
Respiratory protection	Not required
Hand protection	No chemical resistance gloves required
Eye protection	None required
Protective equipment	No special protective clothing required.
Environmental measures	Do not allow product to enter open water courses or surface water

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

a) Physical state	Liquid
b) Colour	Opaque
c) Odour	Pleasant
d) Melting point/freezing point	0°C
e) Initial boiling point and boiling range	100°C
f) Flammability	Not applicable, product is an aqueous liquid
g) Lower and upper explosive limits	Not applicable, product is an aqueous liquid
h) Flash point	Not applicable, product is an aqueous liquid
i) Auto-ignition temperature	Not applicable, product is an aqueous liquid
j) Decomposition temperature	Not applicable, product is not a self-reactive mixture
k) pH	7-8
l) Viscosity	Expected to be the same as water
m) Solubility	Completely miscible in water
n) Partition coefficient octanol/water	Not applicable, product is a mixture
o) Vapour pressure	Expected to be the same as water
p) Density or relative density	1.0
q) Relative vapour density	Expected to be the same as water
r) Particle characteristics	Not applicable, mixture is a liquid

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9.2.1. Information with regard to physical hazard classes

None relevant

9.2.2 Other safety characteristics

None relevant

Section 10. STABILITY AND REACTIVITY

10.1. Reactivity	No specific hazard
10.2. Chemical stability	Stable under normal conditions
10.3. Possibility of hazardous reactions	Product is an aqueous liquid and no hazardous reaction are Expected
10.4. Conditions to avoid	Not determined
10.5. Incompatible materials	None known
10.6. Hazardous decomposition products	None known

Section 11. TOXICOLOGICAL INFORMATION

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

a) Acute toxicity

Estimated oral ATE for mixture is >50,000 mg/kg

The microorganisms in this product are all Group 1 (i.e. considered unlikely to cause human disease) according to EU Directive 2000/54/EC and related legislation.

b) Skin corrosion/irritation: Mixture not classified as corrosive to skin or causing skin irritation.

c) Serious eye damage/irritation: Not classified as irritating to eyes or causing serious eye damage

d) Respiratory or skin sensitisation: Contains ingredients that cause sensitisation by skin contact, but at levels below at which mixture must be classified for skin sensitisation. Does not contain ingredients classified as a respiratory sensitiser.

e) Germ cell mutagenicity: Does not contain ingredients that are known germ cell mutagens

f) Carcinogenicity: Does not contain ingredients that are known carcinogens

g) Reproductive toxicity: Does not contain ingredients that are known reproductive toxicants

h) STOT single exposure: Does not contain ingredients that are known to cause single target organ toxicity with single exposure

i) STOT repeated exposure: Does not contain ingredients that are known to cause single target organ toxicity with repeated exposure

j) Aspiration hazard: Does not contain ingredients that are known to cause aspiration hazards

11.2 Information on other hazards

11.2.1. Endocrine disrupting properties

Does not contain ingredients known to cause, or suspected of causing, endocrine disruption.

Section 12. ECOLOGICAL INFORMATION

12.1. Toxicity

Contains ingredients that are toxic to the aquatic environment but at concentrations below that at which classification of mixture is required for acute or chronic effects. Does not contain ingredients that are toxic to the environment with acute effects.

12.2. Persistence and degradability

Given the classification and degradability information on the ingredients and their concentration in the mixture, product is expected to be biodegradable to at least 95%.

12.3. Bioaccumulative potential

Given the classification and environmental behavior information on the ingredients and their concentration in the mixture, product is not expected to bioaccumulate

12.4. Mobility in soil

Aqueous product, fully soluble in water: not expected to be retained in soil to any significant extent

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12.5. Results of PBT and vPvB assessment

Not anticipated to be PBT or vPvB

12.6. Endocrine disrupting properties

Does not contain ingredients known to cause, or suspected of causing, endocrine disruption.

12.7. Other adverse effects

None known

Section 13. DISPOSAL CONSIDERATIONS

- 13.1. Waste treatment methods** Small quantities of product (up to 20 litres on any one occasion) can be disposed of to drain (but not one that leads to an open water course or surface water) with a 10 times dilution with water

Section 14. TRANSPORT INFORMATION

- 14.1. UN number** Not regulated
14.2. UN proper shipping name Not regulated
14.3. Transport hazard class(es) Not regulated
14.4. Packing group Not regulated
14.5. Environmental hazards Not applicable
14.6. Special precautions for user None required
14.6. Special precautions for user None required
14.7. Maritime transport in bulk according to IMO instruments

This subsection only applies when cargoes are intended to be carried in bulk according to IMO instruments: therefore, it is not applicable as product will not be transported as bulk liquid.

Section 15. REGULATORY INFORMATION

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

The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation EC 648/2004 on detergents. Data to support this statement are held at the disposal of the competent authorities of the Member States.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

Section 16. ADDITIONAL INFORMATION

Revision n/a

References

Part 3 of Annex VI of Regulation (EC) No 1272/2008 <http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2008:353:0001:1355:en:PDF>

Annex II Annex II of (EU) No 453/2010 <http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2010:133:0001:0043:en:PDF>

2nd ATP of CLP Regulation 286/2011, Table 3.4.6 <http://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=OJ:L:2011:083:FULL&from=EN>

European Chemicals Agency (ECHA) Guidance on the compilation of safety data sheets; Version 4.0; December 2020.
https://echa.europa.eu/documents/10162/23036412/sds_en.pdf/01c29e23-2cbe-49c0-aca7-72f22e101e20

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Method used to classify: Mixture has been classified by reference to information on ingredients

Further information The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. The information relates only to the specific material and may not be valid for such material used in combination with any other material or other process.