

SAFETY DATA SHEET

According to 453/2010 EC Annex I, which replaces 1907/2006 Annex II

Pod Petite Wipes (Bubbly)

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Issue 2

Supersedes: Revision 1 dated 16/08/2016

Issue Date: 25/10/2017

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

- 1.1. Product identifier** Biosan Pod Petite Wipe (Bubbly)
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**
Anti-microbial deodorizing wipe product for feminine hygiene bins
- 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 (8:30am-5.30pm GMT Monday to Friday)

Section 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to 1272/2008/EC

Flam. Solid 2, H228 Flammable solid

Eye Irrit, 2, H319 Causes serious eye irritation

Aquatic Chronic 3, H412 Harmful to aquatic life with long lasting effects

2.2. Label elements

Labelling according to 1272/2008/EC

Hazard Pictograms



GHS-02 **GHS-07**

Signal word: Warning

Hazard statements

H228 Flammable solid

H319 Causes serious eye irritation

H412 Harmful to aquatic life with long lasting effects

Precautionary Statements

P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

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P273 Avoid release to the environment
P280 Wear eye protection/face protection.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: Get medical advice/attention.
P391 Collect spillage. Hazardous to the aquatic environment.
P403 + P235: Store in a well-ventilated place. Keep cool.

Supplemental Hazard Statements

EUH 208 Contains hexyl cinnamal, cinnamic aldehyde, and eugenol: may produce an allergic reaction

2.3. Other hazards:

None identified

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable, material is a mixture

3.2. Mixtures

Hazardous ingredients declared according to Regulation (EC) No 1272/2008

CAS: 67-63-0 EINECS:200-661-7	Propan-2-ol	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE3, H336	10-15%
CAS: 69011-36-5 EINECS: 931-138-8	Isotridecanol, ethoxylated	Acute Oral Tox. Cat 4, H302 *Eye Dam. Cat 1, H318	5-10%
CAS: 104-55-2 EINECS: 203-213-9	Cinnamic aldehyde	Skin Irrit. Cat 2, H315 Eye Irrit. Cat 2, H319 Skin Sens. Cat 1, H317 Acute Dermal Tox. Cat 4, H312	0.1-1%
CAS: 101-86-0 EINECS: 202-983-3	Hexyl cinnamal	Skin Sens1B, H317 Aquatic Tox Cat 2, H411 Aquatic Acute 1, H400	0.1-1%
CAS:97-53-0 EINECS: 202-589-1	Eugenol	Skin Sens.1, H317 Eye Irrit. 2, H319	0.1-1%

*See section 11.1c.

Substances with workplace exposure limits, not listed above

CAS: 57-55-6 EINECS: 252-105-2	Propane-1,2-diol	<5%
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A full explanation of H-phrases appears in Section 16

Section 4. FIRST AID MEASURES

4.1. Description of first aid measures

Eye Contact Rinse immediately with water holding the eyelids open.

Skin Contact Wash off immediately with soap and water. Remove contaminated clothing and wash before reuse.

Inhalation Move the exposed person to fresh air.

Ingestion Rinse mouth thoroughly.

Seek medical attention if any symptoms persist.

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

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May cause serious eye irritation

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

No special treatment required

5. FIRE FIGHTING MEASURES

- 5.1. Extinguishing media** Use extinguishing media appropriate to the surrounding fire conditions
- 5.2. Special hazards arising from the substance or mixture**
Not expected to create special hazards
- 5.3. Advice for firefighters** Wear full protective clothing and suitable respiratory equipment when necessary

6. ACCIDENTAL RELEASE MEASURES

- 6.1. Personal precautions, protective equipment and emergency procedures**
Ensure adequate ventilation of the working area. If this cannot be provided, wear a respirator as defined in Section 8.2. Wear chemical resistance gloves (PVC, nitrile, neoprene or butyl)
- 6.2. Environmental precautions**
Do not allow significant amounts (>1.25 kg or 1 pouch) of product to enter drains, open water courses or surface water. Prevent further spillage if safe.
- 6.3. Methods and material for containment and cleaning up**
Small spillages (<20 kg) can be swept up and disposed of with normal refuse. For larger spillages, sweep up and transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water which can be washed to drain (but not to one that leads to an open water course or surface water).
- 6.4. Reference to other sections**
See sections 8 and 13 for additional information

7. HANDLING AND STORAGE

- 7.1. Precautions for safe handling**
Product is packaged for individual dosing. Ensure adequate ventilation of the working area if handling large amounts of product. In case of insufficient ventilation wear suitable respiratory protection equipment: See section 8.2. Wear chemical resistance gloves and avoid contact with skin. 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

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

Ingredient	CAS	EC	Description	ppm	mg/m ³	Reference
Propane-1,2-diol: Total vapour and particulates	57-55-6	200-338-0	Long term exposure limit (8 hour TWA reference period)	150	474	UK EH40 Oct 2007
Propane-1,2-diol: Particulates			Long term exposure limit (8 hour TWA reference period)	-	10	

8.2. Exposure controls

Engineering measures	Ensure adequate ventilation of the working area to levels below the exposure limits
Respiratory protection	Wear suitable half mask respirator with filter P2 (EN143) if vapour is generated during use and if exposure limits likely to be exceeded for prolonged periods.
Hand protection	Wear chemical resistance gloves (PVC, nitrile, neoprene or butyl)
Eye protection	Wear eye protection/face protection
Protective equipment	Wash all contaminated clothing before re-use

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	White sheets
Odour	Strong, sweet fragrance
Odour threshold	Not determined
pH	5.0-6.0 (5% suspension in water)
Melting point/freezing point	Not applicable predominantly an inert organic solid
Initial boiling point and boiling range	Not applicable predominantly an inert organic solid
Flash point	Not determined
Evaporation rate	Not determined
Flammability (solid, gas)	Not determined
Upper/lower flammability or explosive limits	Not determined
Vapour pressure	Not determined
Vapour density	Not determined
Relative density	Not applicable
Solubilities	Not soluble in water
Partition coefficient n-octanol/water	Not applicable predominantly an inert organic solid
Autoignition temperature	Not determined
Decomposition temperature	Not applicable predominantly an inert organic solid
Viscosity	Not applicable
Explosive properties	No ingredients with explosive properties
Oxidising properties	No ingredients with oxidising properties
9.2. Other information	None available

10. STABILITY AND REACTIVITY

10.1. Reactivity	No specific hazard
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10.2. Chemical stability	Stable under normal conditions
10.3. Possibility of hazardous reactions	Not expected to create special hazards
10.4. Conditions to avoid	Not determined
10.5. Incompatible materials	None known
10.6. Hazardous decomposition products	None known

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Estimated oral ATE for mixture is >9,000 mg/kg

Estimated dermal ATE for mixture is >90,000 mg/kg

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

c) Serious eye damage/irritation: A special concentration limit based on results of in vivo testing for effects on the eye is in place for one of the raw materials used in this product (CAS 69011-36-5). Although the concentration of this material exceeds the general classification limit, i.e. 3%, the mixture is classified as causes serious eye irritation rather than causes serious eye damage.

d) Respiratory or skin sensitisation: Contains ingredients that may cause sensitisation by skin contact, but at levels below which classification is required. 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: The product contains ingredients that are classified as STOT SE 3 H336 (May cause drowsiness or dizziness), but at levels below that at which classification for this hazard is required.

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

j) Aspiration hazard: Although the product contains liquid ingredients that are classified as Asp Tox. 1, H304, May be fatal if swallowed and enters airways, these materials are absorbed onto a non-woven fiber based carrier. If swallowed, liquid cannot enter airways and the risk of aspiration toxicity of the product is therefore minimal.

12. ECOLOGICAL INFORMATION

12.1. Toxicity

By calculation from information on ingredients, product is classified as Aquatic Chronic 3: H412 Harmful to aquatic life with long lasting effects. Not classified for acute effects.

12.2. Persistence and degradability

Given the classification and degradability information on the ingredients and their concentration in the mixture no adverse environmental effects are foreseen.

12.3. Bioaccumulative potential

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

12.4. Mobility in soil

Carrier material can become mixed with soil but other ingredients are tightly absorbed to the carrier, so no extensive migration to groundwater is expected

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12.5. Results of PBT and vPvB assessment

Not anticipated to be PBT or vPvB

12.6. Other adverse effects

None known

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods Small quantities of product (up to 20 kg on any one occasion) can be disposed of with domestic refuse.

14. TRANSPORT INFORMATION

14.1. UN number UN 1325

14.2. UN proper shipping name Flammable Solid, Organic NOS (Contains IPA)

14.3. Transport hazard class(es) Class 4.1

14.4. Packing group III

14.5. Environmental hazards No

14.6. Special precautions for user Transport Cat 3

Tunnel restriction (E)

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

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

16. ADDITIONAL INFORMATION

Revision

This SDS has been updated based on new information regarding the product. In particular, the classification has been changed to include Flammable solid Cat 2 H228. The transport information has also been updated. **Therefore, sections modified at this revision are 2.2 and 14.** Updated sections are indicated by a black sidebar in the right hand margin of the page.

Explanation of H-phrases that appear in section 3

H225 Highly flammable liquid and vapour
H302 Harmful if swallowed
H312 Harmful in contact with skin
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H318 Causes serious eye damage
H336 May cause drowsiness or dizziness
H400 Very toxic to aquatic life
H411 Toxic to aquatic life with long lasting effects

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References

Allergens in consumer products: S.W.P. Wijnhoven, J. Ezendam, A.G. Schuur, H. van Loveren and J.G.M. van Engelen. RIVM Report 320025001/2008, Center for Substances and Integrated Risk Assessment www.vwa.nl/txmpub/files/?p_file_id=31183

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>

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 designated and may not be valid for such material used in combination with any other material or in any other process.