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

1.1. Product identifier
Product name
Bio-Fresh
Product number
11012 (Nor)
Container size
12 x 750ml straight bottles

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

1.3. Details of the supplier of the safety data sheet
Supplier Premiere Produkter
Austbosletta 6
4085 Hundvag
Stavanger
Norway
+47 51 858300
+47 51 858301
post@premiere-produkter.no
Contact person Laboratory

1.4. Emergency telephone number
Emergency telephone Giftinformasjonen, telefon: (+47) 22 59 13 00
WEB: http://www.helsedirektoratet.no/gifinfo

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification
Physical hazards Not Classified
Health hazards Elicitation - EUH208
Environmental hazards Not Classified

Human health See Section 11 for additional information on health hazards.
Environmental The product is not expected to be hazardous to the environment.

2.2. Label elements
Hazard statements EUH208 Contains Beneficial Microbial Spore/Surfactant Blend. May produce an allergic reaction.

2.3. Other hazards
This product does not contain any substances classified as PBT or vPvB.
Bio-Fresh

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.

Ingestion: Rinse nose, mouth and throat with water. DO NOT induce vomiting. Get medical attention immediately.

Skin contact: Remove contaminated clothing immediately and wash skin with soap and water.

Eye contact: Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes.

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

Inhalation: No specific symptoms known.

Ingestion: May cause stomach pain or vomiting.

Skin contact: The product contains a small amount of sensitising substance.

Eye contact: May cause discomfort.

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

Notes for the doctor: Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Extinguish with foam, carbon dioxide, dry powder or water fog.

5.2. Special hazards arising from the substance or mixture

Specific hazards: No unusual fire or explosion hazards noted.

Hazardous combustion products: Does not decompose when used and stored as recommended.

5.3. Advice for firefighters

Protective actions during firefighting: Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

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

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Clean up spills immediately, observing precautions in Protective Equipment section.

6.2. Environmental precautions

Environmental precautions: Contain spillage with sand, earth or other suitable non-combustible material.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up: Collect and place in suitable waste disposal containers and seal securely. Only store in correctly labelled containers.

6.4. Reference to other sections

Reference to other sections: For waste disposal, see Section 13.
SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions
Read and follow manufacturer's recommendations.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions
Store in tightly-closed, original container in a dry and cool place.

Storage class
Chemical storage.

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

Ingredient comments
No exposure limits known for ingredient(s).

8.2. Exposure controls

Protective equipment

Eye/face protection
No specific eye protection required during normal use.

Hand protection
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
When using do not eat, drink or smoke.

Respiratory protection
No specific recommendations.

Environmental exposure controls
Keep container tightly sealed when not in use.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance
Viscous liquid.

Colour
Green.

Odour
Apple.

Odour threshold
Not available.

pH
pH (concentrated solution): 6.0

Melting point
Not available.

Initial boiling point and range
Not available.

Flash point
Not available.

Evaporation rate
Not available.

Evaporation factor
Not available.
Bio-Fresh

Upper/lower flammability or explosive limits
Not available.

Other flammability
Not available.

Vapour pressure
Not available.

Vapour density
Not available.

Relative density
1.005 @ 20°C

Bulk density
Not available.

Solubility(ies)
Soluble in water.

Partition coefficient
Not available.

Auto-ignition temperature
Not available.

Decomposition Temperature
Not available.

Vapour pressure
Not available.

Vapour density
Not available.

Relative density
1.005 @ 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
<400 cP @ 20°C

Explosive properties
Not available.

Explosive under the influence of a flame
Not considered to be explosive.

Oxidising properties
Not available.

Comments
Information declared as "Not available" or "Not applicable" is not considered to be relevant to the implementation of the proper control measures.

9.2. Other information
Not known.

SECTION 10: Stability and reactivity

10.1. Reactivity
Reactivity
Reacts violently with strong acids.

10.2. Chemical stability
Stability
Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions
Possibility of hazardous reactions
Under normal conditions of storage and use, no hazardous reactions will occur.

10.4. Conditions to avoid
Conditions to avoid
Avoid exposure to high temperatures or direct sunlight. Avoid freezing.

10.5. Incompatible materials
Materials to avoid
Strong acids.

10.6. Hazardous decomposition products
Hazardous decomposition products
Does not decompose when used and stored as recommended.

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Acute toxicity - oral
Bio-Fresh

Notes (oral LD₅₀) Not available.

Acute toxicity - dermal
Notes (dermal LD₅₀) Not available.

Acute toxicity - inhalation
Notes (inhalation LC₅₀) Not available.

Serious eye damage/irritation Not available.

Respiratory sensitisation Not available.

Skin sensitisation Not available.

Germ cell mutagenicity Not available.
Genotoxicity - in vitro Not available.
Genotoxicity - in vivo Not available.

Carcinogenicity Not available.

Reproductive toxicity Not available.
Reproductive toxicity - fertility Not available.
Reproductive toxicity - development Not available.

Specific target organ toxicity - single exposure
STOT - single exposure Not available.

Specific target organ toxicity - repeated exposure
STOT - repeated exposure Not available.

Aspiration hazard Not available.

Inhalation No specific health hazards known.

Ingestion May cause stomach pain or vomiting.

Skin contact The product contains a small amount of sensitising substance.

Eye contact May cause discomfort.

Target organs No specific target organs known.

SECTION 12: Ecological Information

Ecotoxicity There are no data on the ecotoxicity of this product.

12.1. Toxicity

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.

12.3. Bioaccumulative potential
Bio-Fresh

Bioaccumulative potential: No data available on bioaccumulation.

Partition coefficient: Not available.

12.4. Mobility in soil

Mobility: The product is soluble in water.

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.

12.6. Other adverse effects

Other adverse effects: None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information: 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

No information required.

14.2. UN proper shipping name

No information required.

14.3. Transport hazard class(es)

No information required.

14.4. Packing group

No information required.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant: No.

14.6. Special precautions for user

No information required.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

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

SECTION 15: Regulatory information

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

Bio-Fresh

EU legislation
Detergents Regulations (EC) No 648/2004

15.2. Chemical safety assessment
No chemical safety assessment has been carried out.

SECTION 16: Other information

Issued by Health & Safety Officer
Revision date 01/06/2015
Revision 3
Supersedes date 24/06/2013
SDS number 3
Risk phrases in full Not classified.
Hazard statements in full EUH208 Contains Beneficial Microbial Spore/Surfactant Blend. May produce an allergic reaction.