

SAFETY DATA SHEET

EC REGULATIONS : 1907/2006 (REACH) & 1272/2008 (CLP) INCLUDING EC 453/2010 (REACH AMENDMENTS)

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

1.1 Product identifier

GHS Product Identifier
(Included products)

Ecoegg Laundry Egg Mineral Pellets-
(Fragrance Free)
(Fresh Linen)
(Spring Blossom)
(Jasmine)

Chemical Name

Pelletised surfactants in inert carrier

CAS No.

Mixture

EINECS No

Mixture

REACH Registrations :

The ingredients in this composition have been registered by the individual suppliers

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

Identified use(s)

Washing pellets.

Uses advised against

Do not use as a personal cleaning product

1.3 Details of the supplier of the safety data sheet

Supplier

Name of Supplier
Address of Supplier

Ecoegg Limited

The Hatchery
Steelfields
Owens way
Gads Hill
Gillingham, Kent
ME7 2RT
+44 (0)1622 535200 (Office hours only)
hello@ecoegg.com
Customer Services

Post Code

Telephone:

Email :

Contact

Emergency telephone number

1.4 Emergency Phone No.

+44 (0)1622 535200 (Office hours only)
0344 8920555 (National Poisons Information Service) *
* Healthcare professionals only
111 (NHS 111 – UK only)

2. SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture as supplied

2.1.1 Regulation (EC) No. 1272/2008 (CLP)

Eye Irritant Category 2

2.2 Label elements

According to Regulation (EC) No. 1272/2008 (CLP)

2.2.1 Label elements

GHS Product Identifier

EcoEgg Laundry Egg Mineral Pellets



Hazard pictogram(s)

Signal word(s)

Warning

Hazard statement(s)

H319: Causes serious eye irritation.

Precautionary statement(s)

P264: Wash hands and exposed skin thoroughly after handling.
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.

2.3 Other hazards

Not applicable

2.4 Additional Information

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

EC Classification No. 1272/2008

Hazardous Ingredient(s)	Registration Number	%W/W	CAS No.	EC No.	Hazard statement(s)
Saponin	01-2120078922-48-xxxx	6-12	8047-15-2	232-462-6	H319-H335
Sodium alpha-olefin sulfonate	01-2119513401-57-0000	6-12	68439-57-6	931-534-0	H315-H318
Sodium carbonate	01-2119485498-19-xxxx	6-10	497-19-8	207-838-8	H319
Dodecan-1-ol, ethoxylated	01-2119968561-30-xxxx	2-7	9002-92-0	500-002-6	H302-H319-H410

3.3 Additional Information

For full text of R/H/P phrases see section 16.

4. SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

Inhalation

Unlikely route of exposure. If exposure to dust occurs, remove patient to fresh air. If symptoms develop, obtain medical attention.

Skin Contact

Wash skin thoroughly with water. If skin rash or irritation develops, obtain medical attention.

Eye Contact

If substance has got into the eyes, immediately wash out with plenty of water for at least 15 minutes. Hold eyelids apart. If symptoms persist, obtain medical attention.

Ingestion

Rinse mouth with water (do not swallow). Seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed

Irritation, Coughing. Nausea. Vomiting. Diarrhoea

4.3 Indication of the immediate medical attention and special treatment needed

Increased difficulty in breathing. Headache, Dizziness, Rapid pulse

5. SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing Media
Unsuitable Extinguishing Media

As appropriate for surrounding fire.
None known.

5.2 Special hazards arising from the substance or Ecoegg Laundry Egg Mineral Pellets (Issue 1)

Thermal decomposition will evolve toxic, irritant and
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mixture

flammable vapours. – carbon- and sulphur oxides, also calcium/sodium oxides and hydrocarbons
As appropriate for surrounding fire.

5.3 Advice for fire-fighters




6. SECTION 6: ACCIDENTAL RELEASE MEASURES

- | | |
|--|--|
| 6.1 Personal precautions, protective equipment and emergency procedures | Put on protective clothing. Avoid contact with skin and eyes. |
| 6.2 Environmental precautions | Do not release large quantities of undiluted product into the surface water or into drains. |
| 6.3 Methods and material for containment and cleaning up | Avoid generation of dust. Sweep up spilled substance.
Transfer to a clean, sealed container for disposal or recovery. |
| 6.4 Reference to other sections | See Section: 8 (EXPOSURE CONTROLS/PERSONAL PROTECTION) & 13 (DISPOSAL CONSIDERATIONS) |

7. SECTION 7: HANDLING AND STORAGE

- | | |
|---|--|
| 7.1 Precautions for safe handling | Avoid contact eyes and prolonged skin contact. Wash thoroughly after handling. Avoid dust generation and accumulation. |
| 7.2 Conditions for safe storage, including any incompatibilities | Keep container tightly closed in a cool dry place. |
| Storage Temperature | < 30 degC. |
| Storage Life | 1 Year |
| Incompatible materials | Strong oxidising agents, acids |
| Other information | |

8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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|---|--|
| 8.1 Control parameters | |
| 8.1.1 Occupational Exposure Limits | WEL: Workplace Exposure Limit (UK HSE EH40) |
| LTEL (8 hr TWA mg/m ³) | 4 mg/m ³ , respirable dust
10 mg/m ³ , inhalable dust |
| STEL (15 mins TWA mg/m ³) | Not applicable |
| 8.2 Exposure controls | |
| 8.2.1 Appropriate engineering controls | Provide adequate ventilation, including appropriate local extraction, to ensure that the occupational exposure limit is not exceeded. |
| 8.2.2 Personal protection equipment | |
| Eye/face protection
 | Not normally required. Wear safety glasses or goggles if exposure to particles or dust is likely. Have available eyewash bottle with clean water. |
| Skin protection (Hand protection/ Other)
 | Not normally required. Wear plastic or rubber gloves (EN374) if prolonged skin contact is likely. |
| Respiratory protection
 | No personal respiratory protective equipment normally required. Wear suitable respiratory protective equipment if processing involves working in areas where dusts are likely to be evolved. A suitable dust mask or dust respirator with filter type P (EN143 or EN405) may be appropriate. |
| Other | Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet facilities. |

8.2.3 Environmental Exposure Controls

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties (Mixture)

Appearance	Tablet solid
Colour	White
Odour	Odourless
Odour Threshold (ppm)	Not applicable
pH (Value)	7.5-8.5
Melting Point (°C) / Freezing Point (°C)	Not applicable. Test not scientifically justified
Boiling point/boiling range (°C):	Not applicable. Test not scientifically justified
Flash Point (°C) [Closed cup]	Not applicable. Test not scientifically justified
Evaporation rate (Butyl acetate = 1)	Not applicable. Test not scientifically justified
Explosive limit ranges	Not applicable. Test not scientifically justified
Vapour Pressure (mmHg)	Not applicable. Test not scientifically justified
Vapour Density (Air=1)	Not applicable. Test not scientifically justified
Density (g/ml)	1.10-1.20 at 25 degC
Solubility (Water)	Slightly soluble
Solubility (Other)	Product is insoluble in organic solvents
Partition Coefficient (n-Octanol/water)	Not applicable. Test not scientifically justified
Auto Ignition Temperature (°C)	Not applicable. Test not scientifically justified
Decomposition Temperature (°C)	Not applicable. Test not scientifically justified
Viscosity (mPa.s)	Not applicable. Solid product
Explosive properties	Not explosive.
Oxidising properties	Not oxidising

9.2 Other information

10. SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	Product is slightly basic. Reacts with - acids and strong oxidising agents
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	Overheating may cause thermal degradation to produce hazardous decomposition products
10.4 Conditions to avoid	Ignition sources. High temperatures
10.5 Incompatible materials	Acids, Strong oxidising agents
10.6 Hazardous Decomposition Product(s)	Thermal degradation may generate carbon-, sulphur or sodium oxides
10.7 Hazardous Polymerization	Will not occur

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

11.1.1 Product

Acute toxicity

Ingestion LD50 > 2000 mg/kg (calculated from ingredients)

Inhalation (4 hrs) LC50 > 5 mg/l (calculated from ingredients)

Skin Contact LD50 > 5000 mg/kg (calculated from ingredients)

Skin corrosion/irritation Non-irritant to skin (calculated from ingredients)
Prolonged skin contact may result in defatting of the skin, leading to irritation.

Serious eye damage/irritation * Causes serious eye irritation. (calculated from ingredients)

* See 11.2 Other information

Respiratory or skin sensitization Product does not contain any ingredients that are known or suspected to produce an allergic reaction

Mutagenicity Product does not contain any ingredients with mutagenic potential.

Carcinogenicity Product does not contain any known or suspected

Reproductive toxicity	carcinogens
STOT-single exposure	Product does not contain any ingredients that are known or suspected to have effects on reproduction Inhalation : May cause irritation to the respiratory system. Ingestion : May cause irritation of the gastrointestinal tract. May cause headache, nausea, diarrhoea and vomiting.
STOT-repeated exposure (91 Days.)	Product does not contain any ingredients that are known to be hazardous through repeated exposure
11.2 Other information	Eye contact with solid granule is unlikely to occur. Dust resulting from the handling of powder will be irritating to the eyes.

12. SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity (product)(Calculated) (Fish) (96hrs) (Gammarus sp.) (24hrs) (Algae) (72hrs)	LC50 : 21 mg/ l (Dodecan-1-ol, ethoxylated = 1.5 mg/l) LC50 : 132 mg/ l (Dodecan-1-ol, ethoxylated = 9.45 mg/l) EC50 : 3.3 mg/l (Dodecan-1-ol, ethoxylated = 0.237 mg/l)
12.2 Persistence and degradability	Not applicable. Test not scientifically justified
12.3 Bioaccumulative potential	The product has no potential for bioaccumulation.
12.4 Mobility in soil	The product is predicted to have high mobility in soil.
12.5 Results of PBT and vPvB assessment	Product does not contain any ingredients classified as PBT or vPvB.
12.6 Other adverse effects	None known

13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods	Recover or recycle if possible. Domestic quantities can normally be disposed of to the sewer if diluted with plenty of water. Professional use : Consult an accredited waste disposal contractor or the local authority for advice.
13.2 Additional Information	

14. SECTION 14: TRANSPORT INFORMATION

14.1 Land transport (ADR/RID) UN number	Not classified according to the United Nations 'Recommendations on the Transport of Dangerous Goods'.
14.2 Sea transport (IMDG) UN number	Not classified according to the United Nations 'Recommendations on the Transport of Dangerous Goods'.
14.3 Air transport (ICAO/IATA) UN number	Not classified according to the United Nations 'Recommendations on the Transport of Dangerous Goods'.
14.4 Packing group	Not applicable
14.5 Environmentally hazardous substance/ Marine pollutant	Not applicable
14.6 Special precautions for user	Not applicable
14.7 Transport in bulk according to Annex II of Marpol 73/78 and the IBC code	Not applicable

15. SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental	Regulation EC 648/2004 (Detergents)
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regulations/legislation specific for the substance or mixture	REACH Regulation EC 1907/2006 as amended by 2015/830 CLP Regulation EC 1272/2008 and amendments
15.1.1 EU regulations	
Authorisations and/or restrictions on use	No ingredients listed
Candidate List of Substances of Very High Concern for Authorisation	No ingredients listed
REACH: ANNEX XIV list of substances subject to authorisation	No ingredients listed
REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	No ingredients listed
Community Rolling Action Plan (CoRAP)	No ingredients listed
Regulation (EC) N° 850/2004 of the European Parliament and of the Council on persistent organic pollutants	No ingredients listed
Regulation (EC) N° 2037/2000 on substances that deplete the ozone layer	No ingredients listed
Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals	No ingredients listed
15.1.2 National regulations	The Detergents Regulations 2010 The Detergents (Amendment) Regulations 2013 EH40/2005 workplace exposure limits
15.2 Chemical Safety Assessment	Not determined.

16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: Sections #1 to #16 (new product)

Abbreviations

ADR	Agreement on Dangerous Goods by Road
CAS	Chemical Abstract Service number – used to uniquely identify chemical substances
IATA	International Air Transport Association
IBC	International Bulk Chemical
ICAO	International Civil Aviation Association
IMDG	International Maritime Dangerous Goods
LTEL	Long term exposure limit
RID	Regulationals Concerning the International carriage of dangerous Goods by Rail
STEL	Short term exposure limit

References:

European Chemicals Agency
European Regulations and Directives
Published chemical directories
Suppliers' safety data sheets
UK Health and Safety Executive

Hazard statement(s)(Section 3: Hazardous ingredients)

H302: Harmful if swallowed.
H315: Causes skin irritation.
H318: Causes serious eye damage.
H319: Causes serious eye irritation.
H335: May cause respiratory irritation.
H410: Very toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P264: Wash hands and exposed skin thoroughly after handling.

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.

Other Information

Basis of hazard classification :

The product has been classified according to the generic concentration limits defined in EC1272/2008 and the ECHA guidance notes for the classification of mixtures.

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