



## SAFETY DATA SHEET

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH) & 1272/2008 (CLP)

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

<b>1.1 Product identifier</b>	
Product Name	Progiene Bedzorb
Product Code(s)	Not applicable
<b>1.2 Relevant identified uses of the substance or mixture and uses advised against</b>	
Identified use(s)	A cream/yellow-coloured bedding powder. Product is for professional use only. Must not be used by persons under the age of 18, except when adult supervision is available.
Uses advised against	None
<b>1.3 Details of the supplier of the Safety Data Sheet</b>	
Company Identification	Progiene Dairy Hygiene A division of Rumenco, Rumenco Limited, Stretton House, Derby Road, Burton on Trent, Staffordshire DE13 0DW
Telephone	+44 (0) 1283 524240
E-Mail (competent person)	info@progiene-dairy.com
<b>1.4 Emergency telephone number</b>	
Emergency Phone No.	+44 (0) 1283 524240 (09.00 – 17.00 GMT Monday - Friday)

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

**2.1.1 Regulation (EC) No. 1272/2008 (CLP)** According to the manufacturer of the product, this is a non-hazardous mixture and the product has no classification under Regulation (EC) No. 1272/2008 (CLP).

### 2.2 Label elements

**2.2.1 Label elements** According to Regulation (EC) No. 1272/2008 (CLP)

Hazard Pictogram None

Signal word(s) None

Hazard statement(s) Not applicable.

Precautionary statement(s)  
 P102: Keep out of reach of children.  
 P260: Do not breathe dust/fumes/gas/mist/vapours/spray.  
 P262: Do not get in eyes, on skin, or on clothing.  
 P280: Wear protective gloves/protective clothing/eye protection/face protection.  
 P301 + P330 + P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
 P303 + P361 + P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 P305+P351+P338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing  
 P501: Dispose of contents/container to: hazardous waste site.

**2.3 Other hazards** None stated.

**2.4 Additional Information** None

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixtures

EC Classification No. 1272/2008

Hazardous ingredient(s)	%W/W	CAS No.	EC No.	REACH Registration No.	Hazard pictogram(s) and Hazard statement(s)
Calcium Carbonate	Not stated	471-34-1	207-439-9	01-2119486795-18	Not classified as hazardous according to Regulation (EC) No. 1272/2008 (CLP). Included in the hazardous ingredients table because it has an OEL listed in Section 8 below.

**3.3 Additional Information** For full text of H/P phrases see section 16.

Other ingredients as stated by the manufacturer:

Calcified Seaweed

Bactericide, unspecified

Mineral filler, unspecified

## SECTION 4: FIRST AID MEASURES



### 4.1 Description of first aid measures

Inhalation	Move the person to fresh air and, if recovery is not rapid, seek medical attention.
Skin Contact	Remove contaminated clothing. Areas of the body that have come into contact with the product should be rinsed with soap and plenty of water. If symptoms persist seek medical attention.
Eye Contact	Immediately irrigate eye with plenty of water or eye-wash solution for 10 minutes. If irritation persists, obtain medical attention.
Ingestion	Wash the mouth thoroughly and, if the person is conscious, give 200 – 300 ml of water to drink. Do not induce vomiting. Keep patient at rest and, if discomfort persists, seek medical attention.

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

If brought into contact with the eyes, the product may cause irritation. May cause irritation of the nose and throat. May cause irritation to mucous membranes and digestive tract. May cause irritation to the skin.

### 4.3 Indication of immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5: FIRE-FIGHTING MEASURES

### 5.1 Extinguishing Media

Suitable Extinguishing Media	Product is not compatible with water. Extinguish with dry chemical or carbon dioxide.
Unsuitable Extinguishing Media	Water.

### 5.2 Special hazards arising from the substance or mixture

The product does not present a fire hazard. Burning may produce harmful toxic fumes.

### 5.3 Advice for fire-fighters

Fire-fighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

<b>6.1 Personal precautions, protective equipment and emergency procedures</b>	Avoid contact with spilled material. Wear suitable protective equipment. Refer to section 5 for fire-fighting; section 4 for first-aid advice; and section 8 for minimum requirements for personal protective equipment.
<b>6.2 Environmental precautions</b>	Do not allow to enter drains, sewers or watercourses.
<b>6.3 Methods and material for containment and cleaning up</b>	Adsorb spillages onto sand, earth or any suitable adsorbent material.
<b>6.4 Reference to other sections</b>	Section 1 for emergency contact. Section 8 for information on appropriate personal protective equipment.
<b>6.5 Additional Information</b>	None

## SECTION 7: HANDLING AND STORAGE

<b>7.1 Precautions for safe handling</b>	No specific usage precautions required. Use product in accordance with good industrial practices for handling and storage of chemicals. Avoid prolonged contact with skin and eyes.
<b>7.2 Conditions for safe storage, including any incompatibilities</b>	
Storage Temperature	Store in a dry, cool, well-ventilated area out of direct sunlight.
Storage Life	No data available.
Incompatible materials	Acids.
<b>7.3 Specific end use(s)</b>	A cream/yellow-coloured bedding powder.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

#### 8.1.1 Occupational Exposure Limits

SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	Note:
Calcium Carbonate	471-34-1	0	10	0	4	EH40

#### 8.1.2 Biological limit value

Not established

#### 8.1.3 PNECs and DNELs

Not established

#### 8.2.1 Appropriate engineering controls

Use in well ventilated area. If user operations generate fumes, vapour or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep exposure to airborne contaminants below the occupational exposure limits.

#### 8.2.2 Personal protection equipment

Eye/face protection



Wear chemical safety glasses with side shields, or splash-proof goggles

Skin protection (Hand protection/ Other)



Any specific glove information provided is based on published literature and glove-manufacturer data. Contact the glove manufacturer for glove selection and breakthrough times for your use conditions. Inspect and replace worn or damaged gloves. Chemical resistant gloves are recommended. If contact with forearms is likely, wear gauntlet –style gloves. CEN standards EN 420 and EN 374 provide general requirements and list of glove types.

Respiratory protection



If engineering controls do not maintain airborne contaminant concentrations at a level which is adequate to protect worker health, an approved respirator may be appropriate. Respirator selection, use, and maintenance must be in accordance with regulatory requirements. Types of respirator to be considered for this mixture include: Half-face filter respirator; Type A filter material CEN standards EN136, EN140 and EN 405 provide respirator masks and EN 149 and EN 143 provide filter recommendations.

Thermal hazards

No data available.

#### 8.2.3 Environmental Exposure Controls

See sections 6,7,12,13

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information: physical and chemical properties

Appearance	Powder
Colour	Cream/yellow
Odour	Slightly earthy
Odour Threshold (ppm)	No data available
pH (Value)	No data available
Melting Point (°C) / Freezing Point (°C)	No data available
Boiling point/boiling range (°C):	No data available
Flash Point (°C)	No data available
Evaporation rate (Butyl Acetate = 1)	No data available
Flammability (solid, gas)	No data available
Explosive limit ranges.	No data available
Vapour Pressure (mm Hg)	No data available
Vapour Density (Air=1)	No data available
Relative Density	No data available
Solubility (Water)	Insoluble in water at normal temperatures and pressures.
Solubility (Other)	No data available
Partition Coefficient (n-Octanol/water)	No data available
Auto Ignition Temperature (°C)	No data available
Decomposition Temperature (°C)	No data available
Viscosity (mPa.s)	No data available
Explosive properties	No data available
Oxidising properties	No data available

### 9.2 Other information

None

## SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	Stable under normal conditions.
10.2 Chemical stability	Reacts with acids. Can form CO <sub>2</sub> and chlorine as part of the reaction process.
10.3 Possibility of hazardous reactions	No data available
10.4 Conditions to avoid	No data available
10.5 Incompatible materials	Acids.
10.6 Hazardous Decomposition Product(s)	None in normal storage containers.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### 11.1.2 Mixtures

Acute toxicity	No data available.
Irritation	Skin: The product may cause irritation. Eye: The product may be severe irritant. Inhalation: The product may cause irritation. Ingestion: The product is an irritant.
Corrosivity	No data available
Sensitisation	No data available
Repeated dose toxicity	No data available
Carcinogenicity	No data available
Mutagenicity	No data available
Toxicity for reproduction	No data available

11.2 Other information None

## SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity	According to the manufacturers of the product, it contains small amounts of chlorine-based bleaching agents, and may be toxic to aquatic organisms in large quantities.
12.2 Persistence and degradability	No data available.
12.3 Bioaccumulative potential	No data available.
12.4 Mobility in soil	No data available.
12.5 Results of PBT and VPVB assessment	No data available.
12.6 Other adverse effects	No data available.

## SECTION 13: DISPOSAL CONSIDERATIONS

<b>13.1 Waste treatment methods</b>	<p>Handle in accordance with good industrial hygiene and safety practice. Refer to protective measures listed in sections 7 and 8. Empty containers retain residue (powder and/or vapour) and can be dangerous. Do not burn, or use a cutting torch on, the empty drum.</p> <p>Dispose of in accordance with the European Directives on waste and hazardous waste. Waste must be classified and labelled prior to recycling or disposal. According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.</p>
<b>13.2 Additional Information</b>	None

## SECTION 14: TRANSPORT INFORMATION

<b>14.1 Land transport (ADR/RID)</b> UN number Proper Shipping Name Transport hazard class(es) Packing Group Hazard label(s) Environmental hazards Special precautions for user	Not applicable
<b>14.2 Sea transport (IMDG)</b> UN number Proper Shipping Name Transport hazard class(es) Packing Group Marine Pollutant Special precautions for user	Not applicable
<b>14.3 Air transport (ICAO/IATA)</b> UN number Proper Shipping Name Transport hazard class(es) Packing Group Environmental hazards Special precautions for user	Not applicable
<b>14.4 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable



## SECTION 15: REGULATORY INFORMATION

<b>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	1907/2006 – REACH 1272/2008 – CLP 648/2004/EC-Detergents Directive Control of Substance Hazardous to Health (COSHH) Dangerous Substances and Explosive Atmosphere regulations (DSEAR)
<b>15.1.1 EU regulations</b>	
Authorisations and/or restrictions on use	Refer to EU regulation for details of any actions or restrictions by the above regulations or directives
<b>15.1.2 National regulations</b>	
	Refer to national regulation for details of any actions or restrictions by the above regulations or directives
<b>15.2 Chemical Safety Assessment</b>	A Chemical Safety Assessment has not been carried out for this mixture.

## SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

### LEGEND

LTEL	Long Term Exposure Limit
STEL	Short Term Exposure Limit
STOT	Specific Target Organ Toxicity
DNEL	Derived No Effect Level
PNEL	Predicted No Effect Concentration
RCP	Reciprocal Calculation Procedure

**References:** Sources of information used in preparing this SDS included one or more of the following: results from in-house or supplier toxicology studies; publications from trade associations; ECHA publications; EU guidelines and other sources as appropriate

### Hazard statement(s) and Precautionary statement(s)

P102: Keep out of reach of children.  
P260: Do not breathe dust/fumes/gas/mist/vapours/spray.  
P262: Do not get in eyes, on skin, or on clothing.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P301 + P330 + P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
P303 + P361 + P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P305+P351+P338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing  
P501: Dispose of contents/container to: hazardous waste site.



#### **Additional Information**

Revision 1.1 was issued on 31 January 2018 to update contact details and remove redundant CHIP data.

This Safety Data Sheet has been produced by d5 Consulting Limited on behalf of Progiene Dairy Hygiene, a division of Rumenco Limited, based on information supplied by the formulators of the product and is believed to be accurate and given in good faith, but it is for the users to satisfy themselves of the suitability of the product for their own particular purpose. d5 Consulting Limited and Progiene Dairy Hygiene, a division of Rumenco Limited, shall not be held liable for any damage resulting from handling or from contact with the above product. Progiene Dairy hygiene, Rumenco Limited and d5 Consulting Limited give no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law.