BABY BIO HOUSEPLANT FOOD DRIP FEEDER 80579152

Creation Date: 12/07/2018
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Version: 03 / UK & Ireland

SECTION I: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product Name BABY BIO HOUSEPLANT FOOD DRIP FEEDER

Product code 80534248

Market Authorization Number /

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

Use Fertiliser
REACH PC 12 (fertiliser)

1.3 Details of the supplier of the safety data sheet

Supplier
SBM Life Science Ltd
Hyperion House
Fordham Road
Newmarket
Suffolk
CB8 7XN
GREAT BRITAIN

Phone number +44 (0)1223 677 611

Responsible Department Email: sds@sbm-company.com

1.4 Emergency telephone number

	United Kingdom	Ireland
National Poisons Information Service (NPIS) :	director.birmingham.unit@npis.org www.npis.org/	info@beaumont.ie www.poisons.ie
Emergency telephone number	+44 (0)800 321 3079 (24 Hr)	+353 (1) 809 2166 (8.00am to 10.00 pm 7 days a week)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures, as amended.

Physical Hazards:

Not classified

Health and Safety Hazards :

Not classified

Environmental Hazards :

Not classified

2.2 Label elements

Labelling in accordance with Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures, as amended.

Mixture without classification

Hazardous components which must be listed on the label : None

Pictograms of hazards : None

Signal word : None

Hazard statements : None

Precautionary statements :

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P264	Wash hands thoroughly after handling.

Additional mentions : None

Additional labelling : None

2.3 Other hazards

No other available data.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable

3.2 Mixtures

Chemical nature

Liquid

Hazardous components

Hazard statements according to Regulation (EC) No. 1272/2008

Ingredients	CAS Number EC Number Index Number	REACH Number / recording	Classification Regulation 1272/2008/EC	Environmental Hazards	Conc % (w/w)
Urea	57-13-6 200-315-5 /	/	/	/	0,500 < x < 1,000
Potassiumdihydrogen--orthophosphate	7778-77-0 231-913-4 /	/	/	/	0,100 < x < 0,800
Magnesium nitrate	10377-60-3 233-826-7 /	/	Oxid. Solid 3, H272	/	0,010 < x < 0,500
Boric acid*	10043-35-3 233-139-2 005-007-00-2	/	Repr. 1B, H360FD	/	0,001 < x < 0,050

**Specific Concentration Limits : Repr. 1B, H360FD : C >= 5,50%*

Further information

For full text of H-statements : see SECTION 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General advice	Equip yourself with the container, label or safety data sheet when you call an emergency number, poison center or doctor or if you consult for treatment.
Inhalation	Remove to fresh air and keep warm and at rest. If unconscious, place in recovery position and seek medical advice.
Eye contact	Rinse thoroughly with plenty of water, including under the eyelids for at least 15 minutes. Remove contact lenses and rinse thoroughly. Consult a physician if irritation persists.
Skin contact	Remove contaminated clothing. Wash off immediately with soap and plenty of water. Wash clothes before reuse.
Ingestion	Do not induce vomiting. Rinse out mouth. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms	No available data

4.3 Indication of any immediate medical attention and special treatment needed

Hazards	No available data.
Treatments	Symptomatic. No antidote known.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable	-	Water spray
	-	Carbon dioxide (CO_2)
	-	Dry chemical
	-	Alcohol resistant foam
Unsuitable	None known.	

5.2 Special hazards arising from the substance or mixture	Burning may produce heavy smoke and gases. Do not breathe fumes. May contain : carbon oxides, phosphorus oxides, nitrogen oxides, potassium oxides.

5.3 Advice for firefighters

Special protective equipment for firefighters	Wear self-contained breathing apparatus and wear suitable protective clothing.
Further information	Remain upstream of the flames. Cool closed containers exposed to fire with water spray.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	Provide adequate ventilation. Avoid contact with the skin, eyes and clothes. Evacuate the danger zone and observe the emergency procedures.

For emergency responders	Provide adequate ventilation. Wear personal protection equipment. Isolate the danger zone and refuse entry to non-essential and unprotected people.
6.2 Environmental precautions	Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.

6.3 Methods and materials for containment and cleaning up

Methods for containment	Contain spillage and collect the product if it is possible.
Methods for cleaning up	Rapidly recover the product with absorbent material, organic, sand... Then collect it in a suitable container for elimination. Wash the affected area with water, then rinse.
Additional advice	Recycle where possible : the washings can be reused as a low grade fertiliser.
6.4 Reference to other sections	Refer to sections 8 and 13 for personal protection.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Advice on safe handling	Avoid contact with skin, eyes and clothing. Use in ventilated areas. Avoid breathing spray.
Advice on protection against fire and explosion	Keep away from ignition sources, heat and flame.

Hygiene measures	After handling, wash the hands before eating, drinking or smoking. Soiled clothing must remain in the working area and must be cleaned thoroughly before reusing. Do not eat, drink or smoke when using this product.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers	Keep tightly closed in a dry and cool place. Keep in a well-ventilated place, free from direct sunlight and frost.
Advice on common storage	Keep away from food, drink and animal feedingstuffs. Keep out of reach of children.
Suitable materials	Store in original container.
7.3 Specific end use(s)	Fertiliser. Refer to the label and the conditions of use.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

No specific control parameters for the mixture.

No specific control parameters for the components mentioned in Section 3.2.

Further information:

No other available data.

8.2 Exposure controls

Appropriate engineering controls

Appropriate engineering controls	Emergency eye wash fountains and emergency showers should be available in the immediate vicinity of the work stations.

Individual protective measures, such as personal protective equipment

All the measures for collective protection should be set and use before to consider the use of personal protective equipment. In normal use and handling conditions please refer to the label and/or leaflet. In all other cases the following recommendations would apply.

Respiratory protection	None protection required when manipulated as recommended. Used in a well-ventilated area.
Hand protection	Avoid contact with the skin. Wash hands after handling.
Eye protection	Avoid contact with eyes.
Skin and body protection	Avoid contact with the skin. Wear appropriate clothing. In case of contact with the skin, wash thoroughly with water. Wash soiled clothes before reusing them.
Thermal protection	Not required.

Environmental exposure controls

Environmental exposure controls	Avoid environmental contamination. Keep away from drains, surface and ground water.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Liquid
Colour	Olive brown liquid
Odour	Odourless
Odour threshold	Not available
pH	6,6 – 6,7 – 1:1, water solution -
Melting point / freezing point	Not available
Initial boiling point and boiling range	Not available
Flash Point	> 96°C
Evaporation rate	Not available
Flammability (solid, gas)	Not available
Upper / lower flammability or explosive limits	Not available
Vapour pressure	Not available
Vapour density	Not available
Relative density	Not available
Solubility in water	Very soluble in water
Partition coefficient: n-octanol / water	Not available
Auto-ignition temperature	Not available

Decomposition temperature	Not available
Dynamic viscosity	Not available
Explosive properties	Not explosive
Oxidising properties	Contains Magnesium nitrate which is classified as an oxidising agent.
9.2 Other information	
Other information	No other information available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Thermal decomposition	Stable under foreseeable conditions of uses and storage.
10.2 Chemical stability	No data available
10.3 Possibility of hazardous reactions	No data available
10.4 Conditions to avoid	Keep away from frost, high temperatures and direct sunlight.
10.5 Incompatible materials	Store only in the original container.
10.6 Hazardous decomposition products	Thermal decomposition may produce : carbon oxides, phosphorus oxides, nitrogen oxides, potassium oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute oral toxicity	Specific data not available. Taking into account the available data, classification criteria have not been met.
Acute inhalation toxicity	Specific data not available. Taking into account the available data, classification criteria have not been met.
Acute dermal toxicity	Specific data not available. Taking into account the available data, classification criteria have not been met.
Skin irritation / corrosion	Specific data not available. Taking into account the available data, classification criteria have not been met.
Serious eye damage / irritation	Specific data not available. Taking into account the available data, classification criteria have not been met.
Respiratory sensitisation	Specific data not available. Taking into account the available data, classification criteria have not been met.
Skin sensitisation	Specific data not available. Taking into account the available data, classification criteria have not been met.

Carcinogenicity:

Specific data not available.

Taking into account the available data, classification criteria have not been met.

Germ cell mutagenicity:

Specific data not available.

Taking into account the available data, classification criteria have not been met.

Reproductive toxicity and fertility:

Specific data not available.

Taking into account the available data, classification criteria have not been met.

Specific target organ toxicity:

Single Exposure:

Specific data not available.

Taking into account the available data, classification criteria have not been met.

Repeated Exposure:

Specific data not available.

Taking into account the available data, classification criteria have not been met.

Aspiration hazard:

Specific data not available.

Taking into account the available data, classification criteria have not been met.

Other information

No other data available.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity to fish	No information available
Toxicity to aquatic invertebrates	No information available

Toxicity to aquatic plants	No information available
Toxicity for bees	No information available
Toxicity for earth-worms	No information available
Toxicity for birds	No information available

12.2 Persistence and degradability

Biodegradability	No data available
Koc	No data available

12.3 Bioaccumulative potential

Bioaccumulation	No data available

12.4 Mobility in soil

Mobility in soil	No data available

12.5 Results of PBT and vPvB assessment

PBT and vPvB assessment	No data available

12.6 Other adverse effects

Additional ecological information	No information available. See the label of the product for additional instructions concerning the precautions measures for the environment that have to be taken during the manipulation of the product.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Generalities	Recycle material where possible.
Product	The unused product can be diluted ad recycled where possible, as a low-grade fertiliser.
Contaminated packaging	Rinse contaminated packaging with water. Dilute washings should be recycled where possible, possibly as a low-grade fertiliser.

SECTION 14: TRANSPORT INFORMATION

No transport labelling required.

ADR/RID/ADN

14.1 UN number	/
14.2 Proper shipping name	/
14.3 Transport hazard class(es)	/
14.4 Packing group	/
14.5 Environm. Hazardous Mark	/

This classification is in principle not valid for carriage by tank vessel on inland waterways. Please refer to the manufacturer for further information.

IMDG

14.1 UN number	/
14.2 Proper shipping name	/
14.3 Transport hazard class(es)	/
14.4 Packing group	/
14.5 Marin pollutant	/

IATA

14.1 UN number	/
14.2 Proper shipping name	/
14.3 Transport hazard class(es)	/
14.4 Packing group	/
14.5 Environm. Hazardous Mark	/

14.6 Special precautions for user

Ensure that personnel knows the measures to be taken in the event of accidental release.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

No transport in bulk according to IBC Code.

SECTION 15: REGULATORY INFORMATION

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

Further information

Conformity with REACH annexes	At the present time, the substances mentioned in section 3.2 of this SDS aren't quoted in : - Annex XIV of REACH Regulation EC 1907/2006 about list of substances subject to authorization - Annex XVII of REACH Regulation EC 1907/2006 about restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles.
Boric Acid CAS 10043-35-3	Substance in candidat list REACH EC 1907/2006, art. 59 – SVHC substance -

Specific provisions:

No specific provision

15.2 Chemical Safety Assessment

A Chemical Safety Assessment is not required.

SECTION 16: OTHER INFORMATION

Text of the hazard statements (H sentences) mentioned in Sections 2 and 3:

H272	May intensify fire; oxidizer.
H360FD	May damage fertility. May damage the unborn child.

Text of hazards classes and categories mentioned in Sections 2 and 3:

Ox. Sol. 3	Oxidising solid, category 3
Repr. 1B	Reproductive toxicity, category 1B

Abbreviations and acronyms

ADI	Acceptable Daily Intake
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ARfD	Acute Reference Dose
A.S	Active Substance
ATE	Acute toxicity estimate
BCF	Bioconcentration Factor
CAS-Nr.	Chemical Abstracts Service number
CLP	Classification, Labelling, Packaging regulation
Conc.	Concentration
DMEL	Derived Minimal Effect Levels
DNEL	Derived No Effect Level
EC-No.	European community number
ECx	Effective concentration to x %
EINECS	European inventory of existing commercial substances
ELINCS	European list of notified chemical substances
EN	European Standard

EU	European Union
IATA	International Air Transport Association
IBC	International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk (IBC Code)
ICx	Inhibition concentration to x %
IMDG	International Maritime Dangerous Goods
Koc	Absorption Coefficient
LCx	Lethal concentration to x %
LDx	Lethal dose to x %
LOEC/LOEL	Lowest observed effect concentration/level
MARPOL	MARPOL: International Convention for the prevention of marine pollution from ships
NOEC/NOEL	No observed effect concentration/level
N.O.S.	Not otherwise specified
OECD	Organization for Economic Co-operation and Development
OSHA	Occupational Safety and Health Administration
PBT	Persistent, Bioaccumulative and Toxic substances
PNEC	Predicted No Effect Concentration
Pow	Partition coefficient: n-octanol / water
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
STOT	Specific Target Organ Toxicity
SVHC	Substance of Very High Concern
TWA	Time weighted average
vPvB	Very Persistent and Very Bioaccumulative
UN	United Nations
WHO	World health organisation

Methods used for classification:

Classification of the mixture BABY BIO HOUSEPLANT FOOD DRIP FEEDER was calculated according to the methods described in Regulation EC N° 1272/2008, with regard to the physical, environment and health hazards.

Further information:
None

Purpose of the reviewing:

This is the version 02 of the document. It corresponds to an amendment.

It is in conformity with the modified Annex II of REACH Regulation EC 1907/2006 and with those of CLP Regulation EC 1272/2008.

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Version: 03 / UK & Ireland

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

Additional information:

The information contained within this Safety Data Sheet is in accordance with the guidelines established by Regulation (EU) 1907/2006 and Regulation (EU) 2015/830 amending Regulation (EU) No 1907/2006 and any subsequent amendments. This data sheet complements the user's instructions, but does not replace them. The information it contains is based on the knowledge and the legislative and regulatory texts available about the product concerned at the time it was compiled. Users are further reminded of the possible risks of using a product for purposes other than those for which it was intended. The information given in this data sheet have to be consider as a description of the requirements for the product and not consider as a guarantee or a quality specification concerning its properties. The required information complies with current EEC legislation. Addressees are requested to observe any additional national requirements.