

BABY BIO CITRUS FOOD
5825430

1/18

Creation Date: 20/07/2017
Revision Date: 18/05/2020
Version: 02 / GREAT BRITAIN**SECTION I: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE
COMPANY/UNDERTAKING****1.1 Product identifier**

Product Name BABY BIO CITRUS FOOD

Product code 79532903

**Market Authorization
Number** /

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

Use Fertiliser, NPK 5,6 – 4,7 – 8,6
REACH PC 12 (fertiliser)
SL : Soluble concentrate

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

National Poisons Information Email : director.birmingham.unit@npis.org

Service (NPIS) : Website : <http://www.npis.org/>

**UK Emergency telephone
Number** +44 (0)800 321 3079

BABY BIO CITRUS FOOD

2/18

Creation Date: 20/07/2017
Revision Date: 18/05/2020
Version: 02 / GREAT BRITAIN

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. |
| P280 | Wear protective gloves. |

BABY BIO CITRUS FOOD

3/18

Creation Date: 20/07/2017
Revision Date: 18/05/2020
Version: 02 / GREAT BRITAIN

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

SL : soluble concentrate

Hazardous components

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

Ingredients	CAS Number/ EC Number/ Index Number	REACH Number / recording	Classification	Environmental Hazards	Conc % (w/w)
			Regulation 1272/2008/EC		
Potassium nitrate	7757-79-1 231-818-8 /	/	Ox. Sol. 3, H272	/	5,00 < x < 10,00
Phosphoric acid	7464-38-2 231-633-2 015-011-00-6	01-2119485924- 24-	Skin Corr. 1B, H314	/	2,00 < x < 7,00
Potassium hydroxide	1310-58-3 215-181-3 019-002-00-8	01-2119487136- 33-	Met. Corr. 1, H290 Acute Tox. 4, H302 Skin Corr. 1A, H314	/	1,00 < x < 6,00
Borax decahydrate*	1303-96-0 215-540-4 005-011-00-4	/	Repr. 1B, H360FD	/	x < 0,05

* Substance with a Community workplace exposure limit.

Further information

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

BABY BIO CITRUS FOOD

4/18

Creation Date: 20/07/2017
Revision Date: 18/05/2020
Version: 02 / GREAT BRITAIN

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 and give water in small sips to drink. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms

<i>If on skin</i>	Slight irritation.
<i>If swallowed</i>	Diarrhoea, vomiting, nausea.

4.3 Indication of any immediate medical attention and special treatment needed

Hazards	No available data.
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BABY BIO CITRUS FOOD

5/18

Creation Date: 20/07/2017
Revision Date: 18/05/2020
Version: 02 / GREAT BRITAIN

Treatments

Local treatment : symptomatic

Systemic treatment : No antidote. Treat symptomatically

In case of ingestion gastric lavage should be considered in cases of significant ingestions only within the first 2 hours. However, the application of activated charcoal and sodium sulphate is always advisable.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

- Suitable**
- Water spray
 - Carbon dioxide (CO₂)
 - Dry chemical
 - Alcohol resistant foam

Unsuitable High volume water jet

5.2 Special hazards arising from the substance or mixture

Burning may produce heavy smoke and gases. Do not breathe fumes. Contains Potassium nitrate which is classified as an oxidizing agent.

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.

BABY BIO CITRUS FOOD

6/18

Creation Date: 20/07/2017
Revision Date: 18/05/2020
Version: 02 / GREAT BRITAIN

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.

BABY BIO CITRUS FOOD

7/18

Creation Date: 20/07/2017
Revision Date: 18/05/2020
Version: 02 / GREAT BRITAIN

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 No special protection recommended.

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.

BABY BIO CITRUS FOOD

8/18

Creation Date: 20/07/2017
Revision Date: 18/05/2020
Version: 02 / GREAT BRITAIN

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

No specific control parameters for the mixture.

For the substance :

Potassium hydroxide CAS 1310-58-3	TLV 15 min. = 2 mg/m ³ (United Kingdom)
Phosphoric acid CAS 7664-38-2	OEL 8 hours = 1 mg/m ³ (United Kingdom) TLV 15 min. = 2 mg/m ³ (United Kingdom)
Borax decahydrate CAS 1303-96-4	OEL 8 hours = 2 mg/m ³ (United Kingdom)

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.

In case of prolonged or repeated use, it is recommended to handle gloves (nitrile rubber) in conformity with standards EN 374 / EN 420.

BABY BIO CITRUS FOOD

9/18

Creation Date: 20/07/2017
Revision Date: 18/05/2020
Version: 02 / GREAT BRITAIN

Protective gloves should be replaced at first signs of wear.

Wash hands after handling.

Eye protection

Avoid contact with eyes.

In case of repeated or prolonged use, it is recommended to wear protective glasses in conformity with standard NF EN 166.

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	Dark brown
Odour	Odourless
Odour threshold	Not available
pH	6,0 – 7,0 – 100% -
Melting point / freezing point	Not available

BABY BIO CITRUS FOOD

10/18

Creation Date: 20/07/2017
Revision Date: 18/05/2020
Version: 02 / GREAT BRITAIN

Initial boiling point and boiling range	Not available
Flash Point	Not available
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	1,18 - 20°C -
Solubility in water	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 Potassium nitrate which is classified as an oxidising agent.
9.2 Other information	
Other information	No other information available

BABY BIO CITRUS FOOD

11/18

Creation Date: 20/07/2017
Revision Date: 18/05/2020
Version: 02 / GREAT BRITAIN

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Thermal decomposition Stable under foreseeable conditions of uses and storage.

10.2 Chemical stability Stable under foreseeable pack and conditions of storage.

10.3 Possibility of hazardous reactions Not known to react under foreseeable conditions of uses.

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 No decomposition products expected under normal conditions of use.

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 No skin irritation – Rabbit -

BABY BIO CITRUS FOOD

12/18

Creation Date: 20/07/2017
Revision Date: 18/05/2020
Version: 02 / GREAT BRITAIN

Serious eye damage / irritation No eye irritation – Rabbit -

Respiratory sensitisation Specific data not available.

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

Skin sensitisation Non-sensitizing – Guinea Pig -

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.

BABY BIO CITRUS FOOD

13/18

Creation Date: 20/07/2017
Revision Date: 18/05/2020
Version: 02 / GREAT BRITAIN

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	LC50 > 100 mg/l <i>Fish</i> 96 h
Toxicity to aquatic invertebrates	EC50 > 100 mg/l <i>Daphnia magna</i> 48 h
Toxicity to aquatic plants	EC50 > 100 mg/l <i>Algae</i> 96 h
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

BABY BIO CITRUS FOOD

14/18

Creation Date: 20/07/2017
Revision Date: 18/05/2020
Version: 02 / GREAT BRITAIN

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 Mixture does not contain PBT / vPvB substances.

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 and 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.

BABY BIO CITRUS FOOD

15/18

Creation Date: 20/07/2017
Revision Date: 18/05/2020
Version: 02 / GREAT BRITAIN

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.

BABY BIO CITRUS FOOD

16/18

Creation Date: 20/07/2017
Revision Date: 18/05/2020
Version: 02 / GREAT BRITAIN

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.

Specific provisions:

The mixture is in accordance with the EC Regulation 2003/2003 relating to fertilisers.

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.
H302	Harmful if swallowed.

BABY BIO CITRUS FOOD

17/18

Creation Date: 20/07/2017
 Revision Date: 18/05/2020
 Version: 02 / GREAT BRITAIN

H314 Causes severe skin burns and eye damage.
 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 -
 Acute Tox. 4 Acute Toxicity – oral route -, category 4
 Skin Corr. 1A Skin corrosion/irritation, category 1A
 Skin Corr. 1B Skin corrosion/irritation, category 1B
 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

BABY BIO CITRUS FOOD

18/18

Creation Date: 20/07/2017
Revision Date: 18/05/2020
Version: 02 / GREAT BRITAIN

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 CITRUS FOOD 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.

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.