

**BABY BIO CITRUS FOOD**

Version 1.0 / USA

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Revision Date: 06/16/2023

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

**Product identifier** BABY BIO CITRUS FOOD

**Trade name**

**Product code**

**SDS Number** 79523903

**EPA Registration No.** Not Applicable

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

**Use** Fertilizer

**Restrictions on use** See product label for restrictions.

**Information on manufacturer**

SBM Life Science Corp.  
11000 Weston Parkway, Suite 150  
Cary, NC 27513  
United States

**Emergency Telephone Number (24hr/ 7 days)** 1-877-229-3763 (24 hours/day)

**Product Information Telephone Number** 1-877-229-3724

**SDS Information or Request** SDS@sbm-Company.com

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**SECTION 2: HAZARDS IDENTIFICATION**

**OSHA HCS CLASSIFICATION (29 CFR 1910.1200)**

**Acute Toxicity:**

	<b>Acute oral</b>	<b>Acute dermal</b>	<b>Acute inhalation</b>	<b>Eye irritation</b>	<b>Skin irritation</b>	<b>Skin Sensitization</b>
<b>Category</b>	NC	NC	NC	NC	NC	NC

**NC:** Not classified

**SIGNAL WORD:**

CAUTION

**HAZARD STATEMENTS:**

- Not Applicable

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### PRECAUTIONARY STATEMENTS:

**PRECAUTIONARY STATEMENTS:** Keep out of reach of children.  
If medical advice is needed, have product container or label at hand.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Soluble Concentrate Liquid fertilizer

Nitrogen - 5%  
Phosphorous - 4%  
Potassium - 8%

Chemical name	CAS No	Weight-%
Potassium Nitrate	7757-79-1	8.5
Urea (uncoated)	57-13-6	9.7
Potassium Hydroxide 50%	1310-58-3	11.3
Phosphoric Acid 75%	7664-38-2	8.6
Water	7732-18-5	61.9

### SECTION 4: FIRST AID MEASURES

#### Description of first aid measures

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#### 4.1 Description of first aid measures

**Inhalation** Move to fresh air. Keep patient warm and at rest.

**Skin contact** Wash off immediately with soap and plenty of water. Get medical attention if irritation develops and persists.

**Eye contact** Remove contact lens and rinse eyes immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention if irritation develops and persists.

**Ingestion** DO NOT induce vomiting unless directed to do so by a physician or poison control center. Rinse out mouth and give water in small sips to drink. Keep patient warm and at rest.

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

**Symptoms** Local:; Slight irritation  
Systemic:; Diarrhoea, Vomiting, Nausea

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

**Treatment** Local treatment: Initial treatment: symptomatic.  
Systemic treatment: Initial treatment: symptomatic. 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.

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**SECTION 5: FIREFIGHTING MEASURES**

**5.1 Extinguishing media**

**Suitable** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Unsuitable** High volume water jet

**5.2 Special hazards arising from the substance or mixture** Dangerous gases are evolved in the event of a fire.

**5.3 Advice for firefighters**

**Special protective equipment for fire-fighters** In the event of fire and/or explosion do not breathe fumes. In the event of fire, wear self-contained breathing apparatus.

**Further information** Remove product from areas of fire, or otherwise cool containers with water in order to avoid pressure being built up due to heat. Whenever possible, contain fire-fighting water by diking area with sand or earth.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**6.1 Personal precautions, protective equipment and emergency procedures**

**Precautions** Avoid contact with spilled product or contaminated surfaces. When dealing with a spillage do not eat, drink or smoke.

**6.2 Environmental precautions** Do not allow to get into surface water, drains and ground water. If spillage enters drains leading to sewage works inform local water company immediately.

**6.3 Methods and materials for containment and cleaning up**

**Methods for cleaning up** Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal. Clean floors and contaminated objects with plenty of water.

**Additional advice** Check also for any local site procedures.

**6.4 Reference to other sections** Information regarding safe handling, see section 7.  
Information regarding personal protective equipment, see section 8.  
Information regarding waste disposal, see section 13.

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**SECTION 7: HANDLING AND STORAGE**

**7.1 Precautions for safe handling**

<b>Advice on safe handling</b>	No specific precautions required when handling unopened packs/containers; follow relevant manual handling advice. Ensure adequate ventilation.
<b>Advice on protection against fire and explosion</b>	No special precautions required.
<b>Hygiene measures</b>	When using, do not eat, drink or smoke. Wash hands immediately after work, if necessary take a shower.

**7.2 Conditions for safe storage, including any incompatibilities**

<b>Requirements for storage areas and containers</b>	Store in original container and out of the reach of children, preferably in a locked storage area. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from direct sunlight. Protect from freezing.
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<b>Advice on common storage</b>	Keep away from food, drink and animal feedingstuffs.
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<b>7.3 Specific end uses</b>	Refer to the label and/or leaflet.
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**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 Control parameters**

No control parameters known.

**8.2 Exposure controls**

<b>Respiratory protection</b>	Respiratory protection is not required under anticipated circumstances of exposure. Respiratory protection should only be used to control residual risk of short duration activities, when all reasonably practicable steps have been taken to reduce exposure at source e.g. containment and/or local extract ventilation. Always follow respirator manufacturer's instructions regarding wearing and maintenance.
<b>Hand protection</b>	Wear rubber gloves. Wash when contaminated and dispose of when contaminated inside, when perforated or when contamination on the outside cannot be removed. Wash hands frequently and always before eating, drinking, smoking or using the toilet.
<b>Eye protection</b>	Wear eye protection
<b>Skin and body protection</b>	Wear standard coveralls / clothing If there is a risk of significant exposure, consider a higher protective type suit.

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**9.1 Information on basic physical and chemical properties**

<b>Form</b>	Liquid
<b>Colour</b>	dark brown
<b>Odour</b>	odourless
<b>pH</b>	6.0 - 7.0 at 100 %
<b>Density</b>	ca. 1.18 g/cm <sup>3</sup> at 20 °C
<b>Water solubility</b>	soluble
<b>Oxidizing properties</b>	Contains potassium nitrate which is classified as an oxidising agent.

**SECTION 10: STABILITY AND REACTIVITY**

**10.1 Reactivity**

**Thermal decomposition** Stable under normal conditions.

**10.2 Chemical stability** Stable under recommended storage conditions.

**10.3 Possibility of hazardous reactions** No hazardous reactions when stored and handled according to prescribed instructions.

**10.4 Conditions to avoid** Extremes of temperature 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** ATE > 2,000 mg/kg  
ATE – acute toxicity estimate

**Acute inhalation toxicity** ATE > 5.0 mg/l  
ATE – acute toxicity estimate

**Acute dermal toxicity** ATE > 2,000 mg/kg  
ATE – acute toxicity estimate

**Skin irritation** No skin irritation (rabbit)

**Eye irritation** No eye irritation (rabbit)

**Sensitisation** Non-sensitizing. (guinea pig)

**Further information**

The above values are calculated in accordance with EC Regulation 1272/2008.

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**SECTION 12: ECOLOGICAL INFORMATION**

**12.1 Toxicity**

<b>Toxicity to fish</b>	LC50 (Fish) > 100 mg/l Exposure time: 96 h
<b>Toxicity to aquatic invertebrates</b>	EC50 (Daphnia) > 100 mg/l Exposure time: 48 h
<b>Toxicity to aquatic plants</b>	EC50 (Algae) > 100 mg/l Exposure time: 96 h

**12.2 Persistence and degradability**

**Biodegradability** 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**

This mixture contains no substance considered to be persistent, bioaccumulative and toxic (PBT).  
This mixture contains no substance considered to be very persistent and very bioaccumulative (vPvB).

**12.6 Other adverse effects**

**Additional ecological information** No other effects to be mentioned.  
The above values are calculated in accordance with Regulation (EC)

**SECTION 13: DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

<b>Product</b>	It is best to use all of the product in accordance with label directions. If it is necessary to dispose of unused product, please follow container label instructions and applicable local guidelines. Never place unused product down any indoor or outdoor drain.
<b>Contaminated packaging</b>	Empty remaining contents. Do not re-use empty containers. Place empty container in trash.
<b>RCRA Information</b>	Not Applicable

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**SECTION 14: TRANSPORT INFORMATION**

**DOT CLASSIFICATION:** Not Regulated.

**INTERNATIONAL TRANSPORTATION:**

**IMO (vessel):** Not Regulated

**IATA (air):** Not Regulated

**SECTION 15: REGULATORY INFORMATION**

**EPA Registration No.** Not a registered material

**FIFRA INFORMATION:**

This chemical is a liquid fertilizer solution not registered by the Environmental Protection Agency.

**SARA TITLE III CLASSIFICATION:**

Section 302: Not applicable.

Section 311/312: Not Applicable

Section 313: Not Applicable

**CA PROPOSITION 65:** Not applicable

**CERCLA RQ:** Not applicable

**RCRA CLASSIFICATION:** Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste.

**TSCA STATUS:** The ingredients of this product are listed on the TSCA inventory or are exempt.

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**SECTION 16: OTHER INFORMATION**

HAZARD RATINGS	NFPA	HMIS	
HEALTH:	1	1	0 MINIMAL
FLAMMABILITY:	0	0	1 SLIGHT
REACTIVITY:	0	0	2 MODERATE
			3 HIGH
			4 SEVERE

**Reason for Revision:** New Issue

**Date of Previous Revision:** New Issue

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