

4.4. UEL: None

4. FIRE AND EXPLOSION HAZARD DATA

4.5 Extinguishable Media: Not required
4.6 Special Fire Fighting Procedures: None
4.7 Unusual Fire & Explosion Hazards: None
4.8 Ignition temperature: None
4.9 Hazardous decomposition: None
4.10 Hazardous reactions: None

5. REACTIVITY DATA

5.1 Stability: Stable
5.2 Incompatibility: None
5.3 Hazardous Decomposition: None
5.4 Hazardous reactions: Will not occur

6. HEALTH HAZARD DATA

6.1 Route of Entry / Inhalation: None
6.2 Route of Entry / Skin: Wash of with richly water
6.3 Route of Entry / Digestion: Potential for mild diarrhea caused by enzymatic action with bacteria in the stomach
6.4 Health Hazards (Acute & Chronic): Not a hazardous substance
6.5 Carcinogenicity: N / A
6.6 Signs & Symptoms of Exposure: None
6.7 Medical Conditions General
Aggravated by Exposure: Potential for mild diarrhea if taken internally
In concentrate form
6.8 Emergency First Aid Procedures: Wash eye's out with Water for 15 minutes.
If swallowed, drink one quart of water to dilute.

7. PRECAUTION FOR SAFE HANDLING, STORAGE AND USE OF PRODUCT

7.1 Technical Protection Measures: No Special Precautions
7.2 Personal Protection including,
Breathing, Eye and Hands: No Special Precautions
: No Special Precautions
7.4 Recommended storage condition:

Storage temperature should be between 10 degrees C & 40 degrees C. (i) Temperatures over 90 degrees C may result in thermal Decomposition. By-products totally benign, organic matter, water carbon.

Precaution: Dilute with water and wash away. (ii) Change of state may occur at temperatures over 70 degrees C, causing a coagulation of protein.

Precaution: Dilute with water and wash away. Indicators of points (i) and (ii) will be a separation of products into light liquid on top

Bloom Stimulator cont'd.

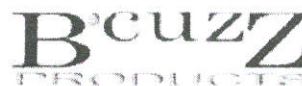
half and more dense liquid on bottom of container.

7. PRECAUTION FOR SAFE HANDLING, STORAGE AND USE OF PRODUCT

- | | | |
|-----|--|---|
| 7.5 | Precautions on Handling: | No danger from handling packaged material. |
| 7.5 | Waste Disposal Method
Released or Spoiled Material: | Products is biodegradable. Small spills can be washed away with water.
Large spills if unconta-minated, can be Returned to container, or washed away with water. |

8. CONTROL MEASURES

- | | | |
|-----|---|---|
| 8.1 | Respiratory Protection: | None required |
| 8.2 | Ventilation: | None required |
| 8.3 | Protective Gloves: | None required |
| 8.4 | Eye Protection: | None required |
| 8.5 | Other Protective Clothing or Handling
Equipment: | None required |
| 8.6 | Work / Hygienic Practices: | Product is sterile in concentrated form.
Wash hands after contact with soap and water prior to eating or drinking. |



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Safety data sheet in accordance with 2001/58/EC

ATAMI B'cuzz Blossom Builder Tabzz

Revision Date 30-3-2004
Printing Date 23-4-2004

1. Identification of the substance/preparation and company

Trade name B'cuzz Blossom Builder Tabzz
Material number 820-xxx
Use of the substance/preparation Agriculture and Horticulture - Soil improvement
Identification of the company Atami, Huisbergenweg 7-9, 5249 JR Rosmalen
Telephone no. T 0031(0)26 4432468
Information about the substance/preparation T 0031(0)26 4432468
Emergency telephone number T 0031(0)26 4432468

2. Composition/information on ingredients

Chemical characterization effervescent-tablet (Sodium Bicarbonate / Citric acid / Mono Potassium Phosphate) NaHCO_3 / $\text{C}_6\text{H}_8\text{O}_7$ / $\text{Ca}(\text{H}_2\text{PO}_4)_2$

3. Hazards identification

Hazards identification Based on our present knowledge no dangers for man and environment can appear with profession a use of the product.

4. First aid measures

General information the tablet is a solid product.
After inhalation inhalation is nearly impossible.
After contact with skin excessive skin contact is nearly impossible.
After contact with eyes eye contact is nearly impossible, if contact occurs rinse eyes with plenty of water.
After ingestion ingestion is nearly impossible, if a large amount is swallowed obtain immediate medical attention.

5. Fire-fighting measures

Suitable extinguishing media Foam; Fire-extinguishing powder
Extinguishing media that must not be used for safety reason Water
Special hazards from the substance itself, its combustion products or from its vapours Carbondioxide (CO_2).
Special protective equipment for firefighting Fire fighters should wear a self-contained respiratory protective device.

6. Accidental release measures

Environmental precautions None
Methods for cleaning up/taking up Pick up mechanically.

7. Handling and storage

Advice on safe handling No special requirements.
Advice on protection against fire and explosion No special requirements.
Further information on storage conditions Store on a dry place.

8. Exposure controls/personal protection

General protective measures The usual precautionary measures should be adhered to when handling chemicals. Avoid long contact with the skin.

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ATAMI B'cuzz Blossom Builder Tabzz

Hygiene measures	Wash hands before breaks and at the end of work.
Respiratory protection	Not necessary if room is well-ventilated. At formation of dust filter P1.
Hand protection	Wear protective gloves.
Eye protection	At formation of dust or insufficient ventilation: wear safety goggles.
Body protection	Wear protective work clothing.
9. Physical and chemical properties	
Form	Tablet
Colour	brownish white
Odour	odorless
Boiling point	> 160 °C
Flash point	Not applicable
Ignition temperature	Not applicable
Vapour pressure	Not applicable
Density	1,85 g/cm ³
Solubility in water	100 %
Solubility in	Undetermined
pH value	6-8
n-octanol/water-partition co-efficient (log Pow)	Undetermined
Viscosity (dynamic)	Undeterminable
Fire number	Not applicable
Other information	No incompatible materials known
10. Stability and reactivity	
Thermal decomposition	Stable
Hazardous reactions	None
Hazardous decomposition	None
11. Toxicological information	
Acute oral toxicity	LD 50 > 3 g/kg (rat)
Irritant effect on skin	See remarks.
Irritant effect on eyes	See remarks.
Remarks	Not dangerous for the environment
12. Ecological information	
Biodegradability	100%
Toxicity by Fish, Daphnia, Algae, Bacteria	Undetermined
13. Disposal considerations	
Product	Disposal according to instructions of local authorities.
Uncleaned packaging	Disposal must be made according to official regulations.
14. Transport information	
ADR - DNR - RID - IATA - IMDG	No hazardous good according to the current regulation.
15. Regularity information	
Labelling in accordance with EC Directives	The material is not subject to classification according to EC lists
16. Other information	
Other information	This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.



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B'CUZZ GROWTH STIMULATOR MATERIAL DATA SHEET

1. IDENTITY / DESCRIPTION

- 1.1 Identity: Growth Stimulator
1.2 Manufacturer: Atami
1.3 Contact information: See above

2. HAZARDOUS INGREDIENTS IDENTITY INFORMATION

- 2.1 Hazardous components: None, not classified in any hazardous substance class.
2.2 Chemical character:

Fe(iron) chelate (micro nutrient) up to 1.5%

3. PHYSICAL / CHEMICAL CHARACTERISTICS

- 3.1 Boiling point: 105 degrees C
3.2 Specific gravity: 1.03 g/cm³
3.3 Vapor Pressure: 1 Ommbr
3.4 Melting Point: +/- 6 degrees C.
3.5 Vapor Density (Air = 1): N/A (Air = 1)
3.6 Solubility in water: Yes, 900 g/l
3.7 Viscosity: 60m Pa-s (Brookfield)
3.8 Form: Liquid
3.9 Appearance: Brown
3.10 Odor: Rose
3.11 pH (at g/L H₂O): pH 7-8

4. FIRE AND EXPLOSION HAZARD DATA

- 4.1 Flash point: None
4.2 Flammable limits: None
4.3 LEL: None

4.4. UEL: None

FIRE AND EXPLOSION HAZARD DATA

4.5 Extinguishable Media: Not required
4.6 Special Fire Fighting Procedures: None
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Precaution: Dilute with water and wash away. Indicators of points

Growth Stimulator Cont'd.

(i) and (ii) will be a separation of products into light liquid on top half and more dense liquid on bottom of container.

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