

MSDS

MATERIAL SAFETY DATA SHEET

Product: BAC Autoflower

Issue date: 01-06-2015

1. IDENTITY/DESCRIPTION

1.1. Identity:	Organic fertilizer
1.2. Composition:	Condensed by-product of the manufacture of amino acids by fermentation
1.3. Manufacturer:	BG Products BV
1.4. Contact Information:	Edisonstraat 16 N 2809 PB Gouda, The Netherlands Phone +31 (0) 182 687530 Fax +31 (0) 182 686678 E-mail: info@baconline.nl Website: www.baconline.nl

2. HAZARDOUS INGREDIENTS IDENTITY INFORMATION

2.1. Hazardous Components:	None - not classified in any hazardous substance class.
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3. PHYSICAL/CHEMICAL CHARACTERISTICS

3.1. Boiling Point:	>100 °C
3.2. Form:	Liquid
3.3. Appearance:	Dark-Brown
3.4. Odor:	Very weak smell

4. FIRE AND EXPLOSION HAZARD DATA

Not applicable, not combustible when spilled or transported.

5. REACTIVITY DATA

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

6. FIRST AID MEASURES

The product contains plant based extracts which have not been proven to cause irritation or disease in humans.

6.1. If Inhaled:	None
6.2. If skin contact:	Wash off with soap and water
6.3. If ingested:	Large amounts - Induce vomiting and flush with water
6.4. If in eyes:	Flush with fresh water for at least 5 minutes
6.5. If in open wound:	Wash with soap and water and apply a general antiseptic

7. HANDLING AND STORAGE

7.1 Handling:	Avoid contact with skin, eyes and clothing. Wear recommended PPE
7.2 Storage:	Store in ventilated tank (mild steel, stainlesssteel, polyethylene, PVC) at ambient temperature.

8. CONTROL MEASURES

Handle as you would any rich, dark soil or compost

8.1. Respiratory:	No concern in liquid state
8.2. Clothing:	It is recommended that users wear overalls, gloves and boots
8.3. Gloves:	Recommended to use vinyl, rubber, latex or any gloves without holes
8.4. Other:	May cause a slip hazard if spilled. Can also be attractant to insects if unsealed in concentrated form

9. ACCIDENTAL RELEASE MEASURES

9.1. Personal precautions:	None under normal conditions
9.2. Environmental precautions:	Biodegradable, increases BOD and COD

9.3. After spillage/leakage:

Contain spills with sand and shovel into salvage container for disposal. Hose down small spillages or residue (slippery when wet) into sewers serviced by wastewater plant with plenty of water. Prevent direct discharge into watercourses or lakes due to high nutrient availability. If this does occur, inform Local Authorities at once.

10. TOXICOLOGICAL INFORMATION

10.1 Acute oral toxicity	n/a
10.2 Irritant effect on skin	n/a
10.3 Irritant effect on eyes	n/a

11. ECOLOGICAL INFORMATION

11.1. Fish toxicity	no data
11.2. Daphnia toxicity	no data
11.3. Remarks	Ecological data refer to the main component

12. TOXICOLOGICAL INFORMATION

12.1 Product	In accordance with current regulations may be taken to waste disposal site or incineration plant, after consultation with site operator and/or with the responsible authority
12.2. Uncleaned packaging	Completely emptied packaging can be given for recycling.

13. TRANSPORT INFORMATION

13.1. ADR	not restricted
13.2. ADN	not restricted
13.3. RID	not restricted
13.4. IATA	not restricted
13.5. IMDG	not restricted

14. REGULATORY INFORMATION

14.1. Hazard symbols	none
14.2. Hazardous component(s) to be indicated	n/a
14.3. R phrases	
14.4. S phrases	

The statements contained herein are offered for informational purposes only and are based upon technical data, that BG Products BV, Gouda, believes to be accurate and are intended for use by persons having skill and knowledge, at their discretion and risk.

BAC Organic AutoFlower FULL ANALYSIS

Elements	Autoflower
Nitrogen (N)	60,4 g/l
Phosfor (P)	25,5 g/l
Potash (K) en Silicon (SiOH4)	60,2 g/l
Borium (B)	17 mg/l
Coper (Cu)	9 mg/l
Iron (Fe)	131 mg/l
Magnesium (Mg)	1,1 g/l
Sulphur(S)	4,8 g/l
Total solids	499 g/l
Amino acids	9 %
pH	4,9 – 5,5