

SAFETY DATA SHEET

1 IDENTIFICATION OF SUBSTANCE/PREPARATION AND THE SUPPLYING COMPANY:

PRODUCT NAME: Amino Bloom

PRODUCT CODE: 05

SUPPLIER: Agrotechniek Metrop,
Postbus 169,
3400 AD IJsselstein UT,
Netherlands.
Tel.: + 31 (0)30 6877 274
Fax.: + 31 (0)30 6877 423
Email: info@metrop.nl.

2 COMPOSITION/INFORMATION ON INGREDIENTS:

Synonyms : none

Chemical formula : aqueous solution of fertilisers.

Ingredients	CAS	Percent
Ammonium nitrate	6484-52-2	1.9 %
Phosphoric acid	7663-38-2	1.0 %
Ammonium phosphate	7722-76-1	1.4 %

Amino acids	N. A.	0.1 %
Water	N. A.	95.6%

3 **HEALTH HAZARDS:**

-

Amino Bloom is not flammable, not toxic if inhaled. Toxic if swallowed in large quantities. Can cause irritation to skin and eyes.

SKIN CONTACT: Prolonged contact can cause irritation to skin. Symptoms include redness and itching.

EYE CONTACT: Causes irritation and redness.

INGESTION: Causes irritation to the gastrointestinal tract. Symptoms may include nausea, vomiting and diarrhoea.

INHALATION: Does not produce any effect.

LONG-TERM: No adverse long-term effects known

4 **FIRST AID MEASURES:**

SKIN CONTACT: Rinse the skin with water. Remove the contaminated clothing. Wash the clothing before re use. before re use. before re use. Clean the shoes

EYE CONTACT: Rinse the eyes with water

INGESTION: If the product has been swallowed in large quantities, INDUCE VOMITING. Give large quantities of water. Get medical attention.

5 **FIRE FIGHTING MEASURES:**

The product does not present any fire hazard.

6 **ACCIDENTAL RELEASE MEASURES:**

No special requirement in case of spill. No personal protective equipment required.

No neutralisation required to the product which is environmentally friendly.

7 **HANDLING AND STORAGE:**

Product should be stored in frost-free conditions. Part used containers must be tightly sealed. Shake before use. Protect the containers against physical damage.

8 **EXPOSURE CONTROLS/PERSONAL PROTECTION:**

RESPIRATORY PROTECTION: Not necessary

PROTECTIVE EQUIPMENT: Wear suitable glove when handling the product over long periods of time and eye protection

SPECIAL EQUIPMENT: None

AIRBORNE EXPOSURE LIMITS: No limitation
VENTILATION SYSTEMS: None required.

9 PHYSICAL AND CHEMICAL PROPERTIES:

FORM: Liquid, transparent yellow to brown
ODOUR: light odour of ammonia
pH (10% solution): 2.2
FLASH POINT: None
FLAMMABILITY: Non flammable
REACTIONS: Liberate ammonia when in contact with alkalis
SPECIFIC GRAVITY: 1.00 at 20°C
SOLUBILITY IN WATER: Miscible in all proportions with water

10 STABILITY AND REACTIVITY

STABILITY: Stable in normal conditions
HAZARDOUS DECOMPOSITION : None
INCOMPABILITIES: None
CONCITIONS TO AVOID: None

11 TOXICOLOGICAL INFORMATION

Low oral toxicity

12 ECOLOGICAL INFORMATION

Environmental Effects : The product has positive

effects on the environment. When released in the soil, it enhances the activity of the agrobiological microflora and improves the fertility of soils. No negative effects on groundwater. The product has a very short persistence in the soil.

Environmental Toxicity : No toxic effects on the environment have been found.

13 DISPOSAL CONSIDERATIONS:

-

This product does not require any special disposal consideration.

14 TRANSPORT INFORMATION:

-

Not regulated.

15 REGULATORY INFORMATION:

None

16 OTHER INFORMATION

Reactivity: 0

NFPA Ratings : Health : 0 Flammability: 0

Product use : Agriculture

-

The information in this safety data sheet was prepared according to EC directive 93/112/EC and is correct to the best of this Company's knowledge at the date of publishing. The user must be satisfied that the product is entirely suitable for its purpose. This information is based on the requirements for the intended use of the product. The company accepts no liability for any loss or damage resulting from reliance on this information.

