



SAFETY INFORMATION SHEET

Date of Issue: Feb 2004
Date of Revision: Sep 2017

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

1.1. Product identifier

AMINOSORB R

Product number

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

Identified uses Turf biostimulant

1.3. Details of the supplier of the safety data sheet

Supplier Vitax Ltd, Owen Street, Coalville, Leics LE67 3DE
Tel: +44 (0) 1530 510060 email: info@vitax.co.uk

1.4. Emergency telephone number

Emergency telephone +44 (0) 1530 510060 (MON TO FRI 09:00 - 17:00)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification
Physical hazards not classified
Health hazards not classified
Environmental hazards not classified

2.2. Label elements

Pictogram none
Signal word none
Hazard statements none.
Precautionary statements P102 Keep out of reach of children.
P270 Do not eat, drink or smoke when using this product.
P501 Dispose of contents/container in accordance with national regulations.
Supplemental label information none
Supplementary precautionary statements none.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures Water solution of aminoacids from natural sources and inorganic salts for agriculture purposes.

Chemical Name	CAS No. EC number	Classification	Concentration % w/w
EDTA disodium salt/ potassium sorbate	139-33-3 24634-61-5	Eye Irrit. 2 H319 Acute Tox. 4 H302 Skin Irrit. 2 H315 STOT SE 3 H335	<5%
Phosphoric acid 75%	7664-38-2	Skin Corr. 1B H314	<5%
Sodium hydroxide 30%	1310-73-2	Skin Corr. 1A H314	<5%
Sodium bisulphate 35%	231-548-0	Acute Tox. 4 H302	<5%

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation Move affected person to fresh air.
Ingestion Rinse mouth thoroughly with water.
Skin contact Wash skin thoroughly with water. For abraded skin get medical attention.
Eye contact Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water.

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

General information See Section 11 for additional information on health hazards.

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

Notes for the doctor Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media Water, foam, carbon dioxide or dry powder.

5.2. Special hazards arising from the substance or mixture

Specific hazards None.

5.3. Advice for firefighters

Protective actions during firefighting No special requirement.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions For control exposure and individual measures see section 8

6.2. Environmental precautions



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Environmental precautions	Avoid drain contamination, as well as surface water or groundwater contamination.
6.3. Methods and material for containment and cleaning up	
Methods for cleaning up	Keep in suitable, closed containers for disposal.
6.4. Reference to other sections	For disposal see section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling	
Usage precautions	For personal protection see section 8.
7.2. Conditions for safe storage, including any incompatibilities	
Storage precautions	Keep in the original container in a cool, dry and well ventilated area.
7.3. Specific end use(s)	
Specific end use(s)	The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters	
Occupational exposure limits	Not available
8.2. Exposure controls	The following clothing is recommended for use whilst handling the product: Use of gloves and goggles or face-screen. PVC or rubber gloves.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties	
Appearance	Liquid.
Colour	Yellow.
Odour	Characteristic.
Odour threshold	No information available.
pH (50g/l @20degC)	4.7-5.7.
Initial boiling point and range	No information available
Flash point	Not flammable.
Flammability (solid, gas)	No information available.
Vapour pressure	No information available.
Vapour density	No information available.
Relative density	1.16 g/ml
Solubility(ies)	Readily soluble in water.
Partition coefficient	No information available.
Decomposition Temperature	No information available.
Viscosity	No information available.
Oxidising properties	No information available.
9.2. Other information	
Other information	None.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity	Stable under normal conditions.
10.2. Chemical stability	Stable under normal conditions.
10.3. Possibility of hazardous reactions	None known.
10.4. Conditions to avoid	None known.
10.5. Incompatible materials	
Materials to avoid	None known.
10.6. Hazardous decomposition products	None at ambient temperatures.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects	Not available
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SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity	Not dangerous for environment
12.2. Persistence and degradability	No data available.
12.3. Bioaccumulative potential	The product is biodegradable.
12.4. Mobility in soil	
Mobility	No data available
12.5. Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB.
12.6. Other adverse effects	None known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods	
General information	Dispose of waste product or used containers in accordance with local regulations

SECTION 14: TRANSPORT INFORMATION

14.1. UN number	Not applicable.
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14.2. UN proper shipping name	Not applicable.
14.3. Transport hazard class(es)	Not applicable.
14.4. Packing group	Not applicable.
14.5. Environmental hazards	Not applicable.
14.6. Special precautions for user	Not applicable.
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Not applicable.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Supersedes date

June 2009. Updated format all sections modified

Hazard statements in full

H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

Disclaimer

This information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.