

SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND COMPANY

1.1 Name of Preparation:

TURFITE (revised 14/09/05) FASTMIX STAMINA BULKER PLUS

1.2 Intended Use:

As a horticultural professional / amenity fertiliser

1.3.1 Supplier Details:

**The Nutrel Group,
Park Farm,
Kettlethorpe,
Lincoln
LN1 2LD**

**Contact: The Safety Officer
Telephone: 01522 704404**

2. INFORMATION ON INGREDIENTS

THIS PREPARATION IS CLASSIFIED AS DANGEROUS UNDER DIRECTIVE 2001/59/EC

2.1 Composition:

Product code RL270A/B/D087

Hazardous Components -

Phosphoric Acid CAS 10294-56-1 C; Xn; R35;

Phosphorus Acid CAS 2809-21-4 C; R34

Ammonium Hydroxide CAS 1336-21-6 C; N; R34; R50;

Manganese Sulphate

CAS 7785-877584-0807 Xn; N; R20/22; R48; R51/53; S22; S61 18% w/w

3. HAZARDS IDENTIFICATION

3.1 Classification of Preparation:



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**IRRITANT
HARMFUL
ENVIRONMENT**

DANGEROUS FOR THE

DANGEROUS FOR THE ENVIRONMENT

3.2 Primary Hazards:

IRRITATING TO SKIN & EYES

HARMFUL IF SWALLOWED & BY INHALATION

**DANGER OF SERIOUS DAMAGE TO HEALTH BY PROLONGED
EXPOSURE IF SWALLOWED AND BY INHALATION. .**

**VERY TOXIC TO AQUATIC ORGANISMS; MAY CAUSE LONG
TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT.**

4. FIRST AID MEASURES

4.1 Any special measures:

4.2 Inhalation:

Remove from source of exposure to fresh air; may cause irritation; seek medical attention.

4.3 Skin & eye exposure:

Rinse immediately with plenty of water. Seek medical advice.

Eyes: irrigate with copious amounts of clean water for at least 10 minutes. Seek medical advice

4.4 Ingestion:

Seek medical advice.

5. FIRE FIGHTING MEASURES

5.1 Suitable extinguishing media:

Not flammable

5.2 Unsuitable extinguishing media:

As appropriate for surrounding fire

5.3 Special hazards, combustion or by products:

Combustion gases may cause irritation.

5.4 Protective clothing for fire fighting:

Suitable protective clothing and breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions:

Prevent contact with skin or eyes

6.2 Environmental precautions:

Do not wash excessive spillages into water courses. If this product enters water course or sewer (including via contaminated soil & vegetation) contact local agency and/or police immediately. Do not burn.

6.34 Clean & disposal methods:

Use soil, sand or other absorbent material. Contact specialist waste disposal contractor.

7. HANDLING AND STORAGE

7.1 Practical precautions & engineering controls for safe handling:

Open container with care to avoid generating splashesdust.

7.2 Conditions and quantity limits for safe storage:

Store in a cool, dry atmosphere in original, labelled containers.

Do not store in metal or alloy packaging.

Refer to manufacturer for maximum safe stacking height.

No storage quantity limits.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Exposure limit values:

Not determined for product.

| OEL for Mn compounds 5mg/m³ under EH40

8.2 Occupational exposure controls:

Ensure suitable engineering controls for measuring and decanting of product prior to mixing.

8.3 Personal Protective Equipment:

Primary Hazard considered as handling of concentrate.

| Gloves: BS EN374 – chemical protection : physical barrier protection only;

| Eye Protection : goggles/face shield to BS EN166.

| Respirator: BS approved protection device with P3 filter

9. PHYSICAL AND CHEMICAL PROPERTIES

| **9.01 Appearance:** not specifiedxxx

9.02 Odour: not specified

| **9.03 pH:** 4.0 – 6.0not applicable

9.04 Boiling point/range: not applicable

9.05 Flash Point/Flammability: not classified as flammable

9.06 Explosive properties: not classified as explosive

9.07 Oxidising properties: not classified as oxidising

9.08 Vapour pressure: not applicable

| **9.09 Relative Density:** 1.20 – 1.30 kg/lnot applicable

9.10 Solubility: not specified

9.11 Partition coefficient: not applicable

9.12 Viscosity: not applicable

9.13 Vapour density: not applicable

9.14 Evaporation rate: not applicable

10. STABILITY AND REACTIVITY

10.1 Materials to avoid:

None

10.2 Conditions to avoid:

None

10.3 Hazardous decomposition products:

Irritant fumes

11. TOXICOLOGICAL INFORMATION

The Preparation has not been assessed at all for this end-point, so its hazardous property in this regard is not known.

12. ECOLOGICAL INFORMATION

Classified as harmful to the environment.

12.1 Ecotoxicity:

No specific data available

12.2 Mobility:

No specific data available

12.3 Persistence & degradability:

No specific data available

12.4 Bioaccumulative potential:

This product is not considered to bioaccumulate.

13. DISPOSAL CONSIDERATIONS

13.1 Disposal of used preparation:

Dispose in accordance with local regulations via specialised waste contractor.

13.2 Disposal of packaging:

Use specialist waste contractor in accordance with local regulations. Do not remove labels from containers.

14. TRANSPORT INFORMATION

14.1 Specific Transport requirements

ROAD

Proper Shipping Name; Environmentally Hazardous
Substance, Liquid, n.o.s. (Ammonium Hydroxide)
Classification; 9
UN Number; UN3082
Packing Group; III
Transport Category; 3

SEA

Proper Shipping Name; Environmentally Hazardous
Substance, Liquid, n.o.s. (Ammonium Hydroxide)
Classification; 9
UN Number; UN3082
Packing Group; III
Marine Pollutant; No

AIR

Proper Shipping Name; Environmentally Hazardous
Substance, Liquid, n.o.s. (Ammonium Hydroxide)
Classification; 9
UN Number; UN3082
Packing Group; III
This product has not been assessed for classification as a Dangerous Goods for
Transport

15. REGULATORY INFORMATION

This preparation is classified and labelled in accordance with both regulation
20010/59/EC and The Fertiliser Regulations 1991.

S26 : In case of contact with eyes, rinse immediately with plenty of water and seek
medical advice.

S36: Wear suitable protective clothing

S57: Use appropriate containment to avoid environmental contamination

16. OTHER INFORMATION

R36/38 IRRITATING TO EYES & SKIN

R20: HARMFUL BY INHALATION

R22: HARMFUL IF SWALLOWED

R48: DANGER OF SERIOUS DAMAGE TO HEALTH BY PROLONGED EXPOSURE IF SWALLOWED OR BY INHALATION

R501-53: VERY TOXIC TO AQUATIC ORGANISMS; MAY CAUSE LONG TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT

Compiled using data submitted for raw materials and practical experience.

This product is intended for professional users only.

This Safety Data Sheet is prepared in compliance with Directive 2001/59/EC.

THE INFORMATION GIVEN HEREIN IS, TO THE BEST OF OUR KNOWLEDGE, CORRECT AND IS PRESENTED IN GOOD FAITH BUT NO WARRANTY, EXPRESSED OR IMPLIED IS GIVEN.

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S29: Do not empty into drains

S57: Use appropriate containment to avoid environmental contamination

S61: Avoid release to the environment. Refer to special instructions/safety data sheet

16. OTHER INFORMATION

R48: Danger of serious damage to health by prolonged exposure

R51-53: Toxic to Aquatic Organisms & may course long term adverse effects in the aquatic environment

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