



Material Safety Data Sheet (MSDS)



MSDS COMPLETED 29TH JANUARY 2013
SUPERSEDES MSDS: N/A

VERSION 01
REVISION NUMBER: N/A

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier:

HortiTop High-N (18-3-6 + 1% MgO + 3% SO₃)

1.2 Relevant uses of the substance or mixture and uses advised against:

Use as a horticultural/amenity fertiliser

1.3 Details of the supplier of the safety data sheet:

The Nutrel Group
Park Farm
Kettlethorpe
Lincoln
LN1 2LD

Contact: The Safety Officer
Phone number: 00 44 (0) 1522 704404
Email: Stuart.Rycroft@nutrelgroup.co.uk

1.4 Emergency phone number

Phone number: 00 44 (0) 1522 704404

2. Hazards Identification

2.1 Classification of the substance or mixture

CLASSIFICATION according to Directive EC 1272/2008 Classification, Labelling and Packaging
Eye Damage 1 H318 Causes serious eye damage.

CLASSIFICATION according to Directive 1999/45/EC and statutory instrument No.716 2009 Chemicals (Hazard Information and Packaging) regulation)

Xi, R36 Irritant, Irritating to eyes

Primary Hazard

Causes serious eye damage

2.2 Label Elements

HortiTop High-N (18-3-6 + 1% MgO + 3% SO₃)
(contains: Triple super phosphate E.C. 65996-95-4)



Signal word: **Danger**

Hazard Statements:

H318: Causes serious eye damage.

Precautionary Statements

P280: Wear protective gloves/protective clothing/eye protection/face protection.





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Supplementary Precautionary Statements

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310: Immediately call a POISON CENTER or doctor/physician.



2.3 Other Hazards

Mixture not classed as PBT or vPvB

3. COMPOSITION/INFORMATION ON INGREDIENTS

Product Code: HF551

3.2 Mixtures

Chemical Name	CAS-No./ EINECS-No.	Annex Index or REACH number	Symbol(s)	R-phrases	Concentrations [%]
Triple super phosphate	65996-95-4/ 266-030-3	01-2119493057-33-0000 Reach registration number	According to 1272/2008: GHS05  According to 67/548/EEC:  IRRITANT	According to 1272/2008: Eye Damage 1 H318 According to 67/548/EEC: R41	5.0 – 9.9

The full hazard information for individual components if not displayed in section 2 or 3 is displayed in Section 16.

4. FIRST AID MEASURES

4.1 Description of first aid measures

4.1.1 Inhalation

If symptoms arise remove from source of exposure to fresh air; seek medical attention if symptoms persist or develop

4.1.2 Skin & Eye exposure

Skin: Drench immediately with water. Remove any contaminated clothing and launder before re-use. Seek medical attention if symptoms persist or develop.

Eyes: Immediately rinse with clean water for 15 minutes. Obtain medical attention IMMEDIATELY.

4.1.3 Ingestion

Do not induce vomiting. Wash out mouth with water and give water to drink. Seek medical attention if symptoms persist or develop.

4.2 Most important symptoms and effects, both acute and delayed

Information not available

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

Information not available

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Use foam, carbon dioxide, dry powder, sand. The mixture is not classified as flammable as such extinguishing media should also be chosen as appropriate for surrounding materials.

5.2 Special Hazards arising from the substance or mixture

Possible irritant fumes arising from combustion





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5.3 Advice for fire-fighters

Cool down containers/equipment exposed to heat with a water spray. Contain spread of extinguishing fluids (these fluids may be hazardous for the environment). Wear complete protective clothing and self-contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

The following precautions are considered to be good practice when using any chemicals irrespective of their classification unless otherwise specified.

Ensure adequate ventilation
Use personal protective equipment,
- Gloves
- Eye protection
- Suitable respirator if dust is generated during handling

6.2 Environmental Precautions

Do not allow to enter storm drains or water courses. If this product enters a water course or a sewer (including via contaminated soil & vegetation) in large quantities contact local water authority and inform the Environment Agency

6.3 Methods and material for containment and cleaning up

Sweep avoiding generating dust into labelled containers for recovery or contact specialist waste disposal contractor.

6.4 Reference to other sections

See also section 8

7. HANDLING AND STORAGE

7.1 Precaution for safe handling

Avoid contact with skin and eyes. Wash Hands thoroughly after handling
Do not eat, drink or smoke when using this product; remove contaminated clothing and protective equipment before entering eating areas.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool dry atmosphere, in original labelled containers. Refer to manufacturer for maximum safe stacking height. Keep away from heat sources, combustible materials.

7.3 Specific end use(s)

No Information available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters

No occupational exposure limits specified

8.2 Exposure controls

The following precautions are considered to be good practice when using any chemicals irrespective of their classification unless otherwise specified.

Goggles – Eye Protection : goggles/face shield to BS EN166.
Gloves – BS EN374 – chemical protection.
Respirators – BS approved protection device with P3 filter.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance; Powder

Odour; No Information available

Odour threshold; No Information available

pH; No Information available

Melting point/freezing; No Information available





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Initial boiling point and boiling range; No Information available

Flash point; No Information available

Evaporation rate; No Information available

Flammability (solid, gas); Mixture is not classed as flammable

Upper /lower flammability or explosive limits; Mixture is not classed as explosive

Vapour Pressure; No Information available

Vapour density; No Information available

Specific Gravity; No Information available

Solubility (ies); No Information available

Partition coefficient: n-octanol/water; No Information available

Auto ignition temperature: No Information available

Decomposition temperature: No Information available

9.2 Other Information

No other relevant information available

10. STABILITY AND REACTIVITY

10.1 Reactivity

Unknown

10.2 Chemical Stability

Stable under normal conditions

10.3 Possibility of hazardous reactions

Information not available

10.4 Conditions to avoid

Extremes of temperature

10.5 Incompatible materials

None known

10.6 Hazardous decomposition products

Possible Irritant fumes

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

The mixture has not been assessed for toxicological effects, the mixture classification is given in section 2 based on individual component contents. Individual component hazards are given in section 3

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Mixture Classified as Not Toxic to the environment in accordance with the Dangerous Preparations Directive 1999/45/EC

12.2 Persistence and degradability

Readily biodegradable

12.3 Bioaccumulative potential

Information not available

12.4 Mobility in soil

Information not available





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12.5 Results of PBT and vPvB

Not classified

12.6 Other adverse effects

Information not available

13. DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Use only licensed waste disposal companies for unwanted chemical. Do not re-use empty containers for any purpose.

14. TRANSPORT INFORMATION

14.1 UN number: Product is unclassified for transport

14.2 UN proper shipping name: Product is unclassified for transport

14.3 Transport hazard: Product is unclassified for transport

14.4 Packing group: Product is unclassified for transport

14.5 Environmental hazards: Product is unclassified for transport

14.6 Special precautions for user: Product is unclassified for transport

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

Applicable for Maritime bulk transport only. Check with carrier.

15. REGULATORY INFORMATION

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

These mixtures are classified and labelled in accordance with Directive 1999/45/EC, regulation 1272/2008 and the statutory instrument No.716 2009 Chemicals (Hazard Information and Packaging) regulations.

15.2 Chemical Safety Assessment

CSA not undertaken for this substance

16. OTHER INFORMATION

MSDS information:

This Material Safety data sheet is 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 1999/45/EC, regulation 1272/2008 and Annex I of the REACH regulation 453/2010.

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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