



Amtech Amenity

# Safety Data Sheet

## 1. Identification of the Preparation and of the company.

Product Name: Nitro-Gem  
Description of Product: Moss Killer & Lawn Tonic

Manufacturer: Amtech Amenity Limited  
Address: Unit 10 Ashfordby Business Park, St Bartholomews Way  
Melton Mowbray, Leics, LE14 3JL  
Phone: Tel: 01949 898088  
Fax: Fax: 01949 898086

## 2. Composition/Information on the ingredients.

Composition: 16.4% ferrous sulphate and 2% nitrogen in soluble seaweed base.  
Constituents:  
Seaweed solids: <2 % w/v  
Ferrous sulphate: 15 – 17 % w/w  
Nitrogen (N): 2 –3 % w/w

## 3. Hazards Information.

Classification: Non-hazardous according to CHIP3 Regulations.  
Main Hazards: Do not contaminate surface water or ditches with chemicals or used container.  
Other Hazards: -

## 4. First Aid Measures.

Skin Contact: In the event of eye or mouth contact, irrigate thoroughly with water.  
Eye Contact: If skin contact occurs then wash with soap and water.  
Inhalation: If irritation occurs seek medical advice.  
Ingestion: In the event of ingestion or if irritation occurs seek medical advice.

## 5. Fire Fighting Measures.

Non-flammable.

## 6. Accidental Release Measures

Personal precautions: Wear suitable gloves and appropriate protective clothing.  
Environmental precautions: Do not contaminate surface water or ditches with chemicals or used container. Inform the appropriate authority in the event of accidental watercourse contamination.

Clean up methods: Wash down spillage promptly, taking care to avoid the contamination of watercourses and drains.

## 7. Handling and Storage.

Handling: Wash hands and exposed skin before meals and after use. Wear gloves when handling the products over long periods of time. Do not eat or drink. Do not spray onto surfaces other than grass to avoid staining.

Storage: Keep in original container, tightly closed and in a safe place. Keep out of reach of children. Protect from frost.

Storage limits: Not applicable

## 8. Exposure Controls Personal Protection.

Hand protection: Wear suitable protective gloves made of PVC or rubber when handling the products over long periods of time.

Skin protection: Appropriate protective clothing and boots.

## 9. Physical Properties.

Description: Clear wine red liquid with a slightly sweet odour.

Density: 1.19 to 1.21 g/ml.

pH: 1.5 to 2.5

Solubility in Water: Miscible in all portions.

Flash point: Not applicable

## 10. Stability and Reactivity.

Stability: Stable under normal conditions.

Conditions to avoid: Temperatures below 0 °C and above 30 °C

Materials to avoid: Oxidising agents.

Decomposition products: Carbon dioxide, nitrogen oxides, sulphur dioxide, ferric oxides and various inorganic salts may be formed.

## 11. Toxicological Information.

Non-hazardous.

## 12. Ecological Information.

Adverse effects: Prevent from entering watercourses and drains.

## 13. Disposal Considerations.

Method of disposal: Do not empty into drains or watercourses. Dispose of this material and its container in a safe way. Wash out container thoroughly and dispose of safely.

## 14. Transport Information.

Not applicable

**15. Regulatory Information.**

	For use only as a home garden lawn treatment. Maximum individual dose of 310 ml per 10 sq. metres
Hazard symbols:	None
Risk phrases:	None required as none of the constituents is above the 25% threshold for Harmful or Irritant materials.
Safety phrases:	None

**16. Other Information.**

Data Sources:	Compiled in accordance with the CHIP3 [Chemical (Hazard Information and Packaging for Supply) Regulations 2002.
Revisions:	This SDS replaces the previous version dated 28 July 2003.
Legal Disclaimer:	Use of the product for applications other than those stated may give rise to risks not mentioned in this sheet.

For further information contact: The Technical Department at the above address.