



Billericay Farm Services Limited

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name: LIQUITEC AUTUMN/WINTER TURF FUSION
Chemical Name: Not Applicable
Synonyms: -
Group Name: -
Formula: -
Approved Use: Agricultural Fertiliser (Foliar feed)
Supplier: Billericay Farm Services Ltd.
Downham
Billericay
Essex
CM11 1QU
Telephone No: 01268 710237
Fax No: 01268 711040
Issued By: Billericay Farm Services Ltd.

EMERGENCY TELEPHONE NUMBER: PLEASE ADD

2. COMPOSITION/INFORMATION ON INGREDIENTS

No.	Name
1.	Potassium Chloride
2.	Ferric Sulphate
3.	Urea
4.	Humic Acid
5.	Water

No.	EINECS No.	R Phrases	Concentration	Classification
1.	231-211-8	Not Applicable	--	Non Hazardous
2.	231-753-5	Not Applicable	--	Non Hazardous
3.	200-315-5	Not Applicable	--	Non Hazardous

Legend: Tx = Very Toxic, C = Corrosive, Xn = Harmful, Xi = Irritant, Ik = No Classification Required, E = Explosive, O = Oxidising, Fx = Extremely Flammable, F = Very Flammable, Fo = Flammable, N = Dang. To the Environment, M = Genotoxic, A = Sensitizing, K = Carcinogenic, R = Causes birth defects, H = skin absorption

3. HAZARDS IDENTIFICATION



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None

4. FIRST-AID MEASURES

General:	Always seek medical advice in cases of serious personal contamination.
Inhalation:	Not specifically applicable.
Skin Contact:	Contact with the skin may cause mild irritation. If symptoms persist seek medical aid. Rinse with plenty of water.
Eye Contact:	Contact with eyes may cause mild irritation. If symptoms persist seek medical aid. Irrigate with plenty of eyewash or clean water for 15 minutes minimum. Seek medical advice.
Ingestion:	May cause diarrhoea, nausea, vomiting and cramps. DO NOT induce vomiting. Give plenty of water/milk to drink. If vomiting occurs place patient in the recovery position. Seek medical aid.
Medical Information:	For specialist advice doctors should contact the nearest Poisons Information Centre .

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	This product is not classified combustible or flammable. Suitable for most extinguishing media.
Unsuitable Extinguishing Media:	None to our knowledge.
Special Exposure Hazards:	Aqueous liquid. Does not present any particular risk in the event of fire. Toxic products such as phosphorus oxides, potassium oxides, ammonia are evolved in a fire.
Protective Equipment:	Respiratory protective device, suitable for potassium and sulphur oxides, with a combined gas and particle filter. Appropriate gloves. Safety glasses/face shield.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Avoid contact with skin and eyes. Avoid unnecessary contact with product. Remove all contaminated clothing. Wash hands and face before eating.
Environmental Precautions:	Rinse empty containers with water and add to spray mix. Dispose of containers at a suitable site. Do not discharge into drains or watercourses.
Methods for Cleaning Up:	Small spillage: Dilute and flush drain with plenty of water.



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Large spillage: Evacuate area. Absorb and contain spillage with sand or earth. Place waste in sealed containers. Contact Local Authority for controlled waste disposal. Notify Water Authority if large spillage enters drains, sewers or watercourses.

7. HANDLING AND STORAGE

Handling: Handle and use in accordance with good occupational hygiene and safety practice. Avoid skin and eye contact. Avoid contact with strong bases – may release ammonia.

Storage: This is a non dangerous good. Keep well sealed in original containers. Store in frost-free conditions above 5°C. Store away from combustible materials, herbicides, fungicides and consumables.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Precautions: Wash hands before meals and after work.
Avoid breathing mist whilst spraying
Store in original container, tightly closed in a safe frost-free place.
Store away from children, pets, livestock and foodstuffs.

Protective Clothing: No personal respiratory protection is indicated during the handling of this product.
Appropriate chemical resistant gloves made of PVC or rubber, and boots.
Safety glasses with side shields/goggles or face shield to BS2092.
Wear full protective overall.

Occupational Exposure Limits: Not specified.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Black liquid
Odour: None.
pH: 3.5 – 5.5
Boiling Point/Boiling Range: Approximately 110 °C
Flash Point: Not applicable.
Flammability: Not applicable.
Autoflammability: Not applicable.
Explosive Properties: Not applicable.
Oxidizing Properties: Non-oxidising.



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Relative Density: 1.17 +/- 0.02 g/cm³ (at 20 °C)
Solubility (water and fat): Miscible in water (in all proportions)
Soluble in common organic solvents.

10. STABILITY AND REACTIVITY

Conditions to Avoid: Hazardous reactions are unlikely to occur under normal conditions of storage and use.
Materials to Avoid: None known.
Hazardous Decomposition Products: No hazardous decomposition products are expected.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity: Not Applicable
Irritation: Non-Irritant.
Sensitisation: Non-Sensitizer.

12. ECOLOGICAL INFORMATION

Mobility: Ultimate destination of the product: Soil.
Degradability: Biodegradable in soil.

13. DISPOSAL CONSIDERATIONS

Product and Waste: Flush small quantities to drain with plenty of water. Large quantities require controlled waste disposal in accordance with Control of Pollution Act, 1974 and Special Waste Regulations 1980.
Containers: Do not re-use packaging for any other purpose. Dispose of used packaging in accordance with Special Waste Regulations 1980.

14. TRANSPORT INFORMATION

Special Transport Precautions: None. Not hazardous



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Road/Rail Classification: Not restricted.
IMDG Classification: Not restricted.
Air Classification: Not restricted.

15. REGULATORY INFORMATION (NOT APPLICABLE)

R-Phrases

None

S-Phrases

S61 Avoid release into the environment. Refer to special instructions / safety data sheets.
S2 Keep out of reach of children
S13 Keep away from food, drink and animal feeding stuffs.

16. OTHER INFORMATION

Revision No. 0 Date Prepared: 10/10/2005

DISCLAIMER

The information in the MSDS relates to this specific material. If the product is used as a component in any other product, this MSDS may not be valid. The information contained was obtained from sources which we believe are reliable. The information is provided without any warranty, expressed or implied, regarding its correctness.

This Material Safety Data Sheet was prepared according to Directive 93/112/EEC.