

# MATERIAL SAFETY DATA SHEET

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(Supersedes all previous issues)

## 1 IDENTIFICATION OF THE PRODUCT AND THE COMPANY

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**PRODUCT NAME AND BRAND** : **HY-SEED Seed Treatment**  
**SUPPLIER** : Agrichem (International) Ltd.  
**ADDRESS** : Industrial Estate, Station Road, Whittlesey  
Cambridgeshire PE7 2EY  
**TELEPHONE** : 01733 204019  
**FAX** : 01733 204162

## 2 COMPOSITION - INFORMATION ON INGREDIENTS

A foliar fertilizer containing N P & K as potassium and ammonium phosphite, and Humates in aqueous solution, with a blend of Amino Acids

Disodium EDTA <10% CAS: 139-33-1 Xi; R36 R52/R53

## 3 HAZARDS IDENTIFICATION

**Fire:** Non-Flammable  
**Physical/Chemical:** A non-volatile aqueous solution which reacts with strong oxidizing agents and acids  
**Health:** Irritating to eyes and to skin with prolonged or repeated exposure  
**Environment:** Low-Biodegradable

## 4 FIRST AID MEASURES

**EYES** : Hold open and irrigate with copious amounts of water for 10 minutes minimum.  
**SKIN** : Wash immediately with soap and rinse with copious amounts of water.  
**INHALATION** : No inhalation hazard  
**INGESTION** : Low toxicity by ingestion. May be harmful if ingested in quantity. Drink water to dilute.  
If any symptoms persist seek medical attention and show product label.

## 5 FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA** : Carbon Dioxide, Dry Chemical Powder, Foam, or Water  
**SPECIAL FIRE FIGHTING PROCEDURES** : Wear self contained breathing apparatus and protective clothing.  
: Avoid contact with eyes and skin.  
**HAZARD ON DECOMPOSITION** : If involved in a fire, although non-flammable, it will emit noxious and toxic fumes.  
If possible remove unopened packages and keep immovable ones cool with water spray

## 6 ACCIDENTAL RELEASE MEASURES

**PRECAUTIONS** : Wear full overall protective clothing.  
Avoid contact with skin and eyes.  
**SPILLAGE** : Evacuate the 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 or sewers.

## 7 HANDLING AND STORAGE

**USAGE PRECAUTIONS** : Wear full overall protective clothing, PVC or rubber Gloves and Boots.  
: If exposed to high vapour concentration in a confined area, wear self contained breathing apparatus. In well ventilated areas, wear fume mask.  
**STORAGE PRECAUTIONS** : Keep sealed in original containers. Protect from frost.

## 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

**ENGINEERING CONTROLS** : Apply COSHH assessment according to circumstance.  
**EXPOSURE LIMITS** : None  
**PROTECTIVE EQUIPMENT** : Wear full protective overall clothing.  
**HANDS AND FEET** : Wear PVC or rubber gloves and Boots  
**EYES AND FACE** : Wear Face shield or goggles.  
**RESPIRATION** : None required under normal usage conditions

## 9 PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Brown aqueous solution  
pH : 6.2  
**Odour** : Slight  
Flash point ; Not flammable  
**Specific Gravity @ 15 °C** : 1.11  
**Solubility in water:** Fully Miscible

## 10 STABILITY AND REACTIVITY

**STABILITY** : Stable in normal ambient conditions.  
**MATERIALS TO AVOID** : Store away from oxidizing agents and acids. Avoid materials which react with water

## 11 TOXICOLOGICAL INFORMATION

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SKIN TOXICITY : Slight irritant  
EYE TOXICITY : Slight irritant  
INGESTION TOXICITY : Possible nausea and vomiting  
INHALATION TOXICITY : Slight irritant

## 12 ECOLOGICAL INFORMATION

DEGRADABILITY : No data but rapidly degrades in soil  
AQUATIC TOXICITY : Low hazard

## 13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS : Large quantities require controlled waste disposal.  
PACKAGING : Do not re-use packaging for any other purpose.  
Rinse and re-cycle used packaging or use controlled waste control.

## 14 TRANSPORT INFORMATION

TRANSPORT MATERIAL IS NOT CLASSIFIED AS HAZARDOUS OR DANGEROUS FOR TRANSPORT  
ACCORDING TO CURRENT INTERNATIONAL REGULATIONS

LAND-ROAD-RAIL	(RID/ADR):	UN No.	
SEA	(IMO/IMG):		
AIR	(ICAO/IATA):	Item No.	
			Hazard No.
			Hazchem Code:
			Packaging Group:
			Tremcard No.
			Marine:

## 15 REGULATORY INFORMATION

HYSEED is labeled in accordance with current EU regulations and is categorized as non-hazardous  
No risk or safety phrases apply

## 16 OTHER INFORMATION

### VALIDITY

The information contained herein relates only to the designated formulation and may not be valid if product is used in combination with other substances. The information is to the best of our knowledge, belief and understanding, true, accurate and reliable at the date of issue. However, the information may neither be exhaustive or complete, and no warranty, guarantee or liability concerning the accuracy or completeness of the information is expressed or implied.

It is the user's risk and sole responsibility to verify and satisfy their own criteria and duty of care concerning the validity of the information in relation to their application of the product.