



Material Safety Data Sheet 21/11/07

AmenityTechnology

1. IDENTIFICATION OF THE PRODUCT AND COMPANY

Product Name & Brand: **CastClear**

Supplier: Amenity Technology Ltd

Address: Micromix Plant Health Ltd, Coachgap Lane, Langar, Nottinghamshire NG13 9HP

Contact Number: Tel. +44 (0) 8700 480 304 Fax. +44 (0) 1949 861 061

2. COMPOSITION. INFORMATION ON INGREDIENTS

A Ammonium Thiosulphate solution and vegetable oil based fertilizer with added micronutrients and surfactants from which no hazard is derived.

Chemical Name	EU/CAS No.	Concentration	Hazard	Risk
Thiosulphate Solution	7783-18-8	<3%	Xi	R38,41
Surfactant	90170-43-7	<10%w/w	Xi	S 25 R 36

3. HAZARD IDENTIFICATION

Health Hazard Summary: This product is not classified as hazardous.

Risk Phrases: Not applicable.

Safety Phrases: Not applicable.

4. FIRST AID MEASURES

Eyes: Immediately irrigate the eye with copious amounts of water or eye wash solution for 15 minutes, holding the eyelids apart. Seek medical advice if irritation persists.

Skin: Wash off with water as soon as possible. Remove contaminated clothing.

Inhalation: Remove patient to fresh air. If symptoms are evident seek medical attention without delay. Oxygen may be applied (under supervision of a qualified competent person such as a doctor) if breathing is difficult

Ingestion: Do not give an emetic or induce vomiting. Rinse mouth with plenty of water. Drink large amounts of water and seek medical attention without delay.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Product is not flammable. Use extinguishers suited to surrounding fire conditions. Water/water spray, carbon dioxide, dry chemical powder, alcohol or polymer foam.

Unusual & Explosion Hazards: Toxic decomposition products are evolved in a fire. See section 10, decomposition products.

Protective fire equipment: Wear self contained breathing apparatus. See section 10, decomposition products.

Environmental protection: Fire run off water will be contaminated. Prevent it from flowing to water course or sewer.

6. ACCIDENTAL RELEASE MEASURES

Precautions: Avoid contact with skin and eyes. Provide an eyewash station.

Spillage ; Evacuate area. Contain and absorb with sand, earth or other inert material. Sweep up and place waste in sealed containers. Contact Local Authority for controlled waste disposal. Notify Environment Agency immediately if large spillage enters drains, sewers or water courses.

7. HANDLING AND STORAGE

Usage Precautions: Wear full overall protective clothing, goggles or face shield, rubber gloves and boots.

Storage Precautions: Keep sealed in original containers. Store in a dry frost-free place above two degrees Celsius.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls: Apply COSHH assessment according to standard (OES) EH 40/94.

Exposure Limits: 1 mg/m³ Fe 8h TWA

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 to BS 2092.

Respiration: Wear type approved dust mask.

Page 1 of 2
Material Safety Data Sheet
21/11/07

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, oily Solution.
Odour: Ammoniacal & vegetable oil
Specific Gravity: 1.33 @ 20 degrees Celsius.
Solubility: Completely soluble in water.
pH: 8.5 approx

10. STABILITY AND REACTIVITY

Stability: Stable in normal ambient conditions.
Hazardous Decomposition: May produce sulphur dioxide.
Materials to Avoid: Chlorites, hypochlorites and acidic substances.

11. TOXOLOGICAL INFORMATION

Skin Toxicity: Irritant, May cause damage in contact with skin.
Eye Toxicity: Irritant, May cause serious damage in contact with eyes.
Inhalation Toxicity: No significant risk. Inhalation of spray mist may cause irritation of respiratory tract.
Ingestion Toxicity: May cause gastro-intestinal irritation.
Long Term Exposure: Not known.

12. ECOLOGICAL INFORMATION

Precautions: Notify Environment Agency immediately if large spillage enters drains, sewers or water courses.
Degradability: Not known
Aquatic Toxicity: Not known

13. DISPOSAL CONSIDERATIONS

Disposal Methods: Product requires controlled waste disposal in accordance with Control of Pollution Act 1974 and Special Waste Regulations 1980.
Packaging: Do not re-use packaging for any other purpose. Dispose of used packaging in accordance with Special Waste Regulations 1980.

14. TRANSPORT INFORMATION

Transport: Material is not classified as hazardous or dangerous for transport according to current international regulations.

15. REGULATORY INFORMATION

Labeling EEC Regulations: Material is classified by CHIP regulations for supply as follows:

Mandatory Hazard Symbol: Xi

Risk Phrases: R48 May cause damage to eyes.
R38 Irritating to eyes.

Safety Phrases: S25 Avoid contact with eyes
S20/21 When using, do not eat, drink or smoke.
S2 Keep out of reach of children

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 users 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.

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