

PHYSICAL PROPERTIES

Molecular Weight:	Not applicable
Boiling Range:	Approximately 186 C
Melting Range:	
Specific Gravity	1.03 to 1.04
Water Solubility:	Miscible
Evaporation Rate:	Not available
State:
Vapor Pressure:	Not available
Volatile Component (%Vol):	
Relative Vapor Density:	
Flash Point:	Not applicable
Lower Explosive Limit (%):	
Upper Explosive Limit (%):	
Autoignition Temp [⊙] :	
Decomposition Temp [⊙] :	Not available

APPEARANCE

Concentrate A clear dark blue, slightly hygroscopic liquid with little odour
 Gel Clear and slightly opaque light blue gel

INGREDIENTS

	Cas No	%
Indol-3-Yl-Butyric Acid		0.16
1-Naphthalacetic Acid		0.16
Fungicide Preservative		
Wetting Agent		
Carrier		

USE

An aid to the striking of roots on cuttings and increase propagation rates.

SYNONYMS

None

HEALTH HAZARDS - ACUTE HEALTH

EFFECTS

SWALLOWED

100% Pure NAA and IBA - LD50 - orally in rats: 1.0g/kg. Undiluted Esi-Root contains 3.2g/L of IBA/NAA combined, therefore may cause irritation to the gastrointestinal tract, or cause pain and vomiting.

EYE

Due to the slightly acidic nature of the solution, it may cause eye irritation. Avoid eye contact.

SKIN

Undiluted Esi-Root and Ezi-Root may be an irritant to the skin. Use gloves and avoid skin contact. Wash hands with soap and water prior to eating, drinking, and smoking.

INHALATION

No hazard.

CHRONIC

Prolonged contact may cause slight irritation or redness, avoid skin contact.

FIRST AID

SWALLOWED

If swallowed, Contact the Poisons Information Centre or a Doctor.

EYE

SKIN If in contact with the eyes, hold the eye open and flush out the eye - especially under the eyelids with fresh water or saline solution. Seek medical attention if any irritation continues.

If irritation occurs, remove contaminated clothing, and wash the skin thoroughly with soap and water.

INHALATION

Not applicable.

ADVICE TO TREATING DOCTOR

Treat symptomatically. Refer to individual constituents

PRECAUTIONS FOR USE

EXPOSURE LIMITS

None known

OTHER EXPOSURE INFORMATION

None

ENGINEERING CONTROLS

None

PERSONAL PROTECTION

Use gloves for normal handling.

PROTECTIVE EQUIPMENT

None required

FLAMMABILITY

Non-flammable

FIRE HAZARD

None

SAFE HANDLING INSTRUCTIONS

STORAGE AND TRANSPORT

Store in the packaging provided.

STORAGE PRECAUTIONS

Keep containers securely sealed. Store in a dry cool area. Avoid sunlight. Refrigerate where practicable, but not with food.

SHIPPING NAME (CSN)

None

SPILLS AND DISPOSAL

Wipe up or absorb with a sponge. Place in waste disposal. Do not contaminate streams, rivers, or waterways.

FIRE/ EXPLOSION HAZARD

None

HAZARDOUS REACTION

None known

ENVIRONMENTAL PROTECTION

Do not contaminate streams, rivers, or waterways. Wash out and destroy empty containers safely.

The information contained in this data sheet is accurate to the best of our knowledge as of the date issued. It is the user's obligation to assess that the product is suitable for the purpose chosen and that it is used in accordance with the instructions.