

MATERIAL SAFETY DATA SHEET - EXTENDED

PRODUCT: **Esi Root – Rooting Hormone – Solution**
Ezi Root – Rooting Hormone - Gel

IDENTIFICATION

SUPPLIER:

Company: Kippax Packaging
Address: Unit 52, Gibbes Street
Chatswood, NSW 2067, Australia
Phone: 02 9949 1159
Emergency: 0418 456 165

STATEMENT OF HAZARDOUS NATURE:

Not Classified as hazardous according to criteria of Worksafe Australia

Health Hazard: 2
Flammability: 0
Reactivity: 0
Body Contact: 2

Scale: min/nil=0 Low=1 Moderate=2 High=3 Extreme=4

Material Details

CAS No.	None
NIOSH No.	None
UN No.	None
Dangerous G. Class	None
Packaging Group	None
IMO Class	None
Poison Schedule	None
HAZCHEM	None
Sub Risk	None
EPG	None
IMDG Page	None
Label	No class assigned
Shipping Name	Ezi-Root , Esi-Root.

Ezi-Root + Esi-Root

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:
Vapour Pressure:	Not available
Volatile Component (%Vol):	"
Relative Vapour Density:	"
Flash Point:	Not applicable
Lower Explosive Limit (%):	"
Upper Explosive Limit (%):	"
Autoignition Temp ©:	"
Decomposition Temp ©:	Not available

APPEARANCE

A clear dark blue slightly viscous hygroscopic liquid with little odour, and a clear/slightly opaque light blue gel.

INGREDIENTS

	Cas No	%
Indol-3-YI-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 HAZARD

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 gastro-intestinal 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 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.

Ezi-Root + Esi-Root

CHRONIC

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

FIRST AID

SWALLOWED

If swallowed, Contact Poisons information centre or a doctor.

EYE

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

SKIN

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

INHALATION

Not applicable.

ADVICE TO 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 INFORMATION

STORAGE AND TRANSPORT

Store in packaging provided.

STORAGE PRECAUTIONS

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

SHIPPING NAME (CSN)

None

SPILLS AND DISPOSAL

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

FIRE/EXPLOSION HAZARD

None

HAZARDOUS REACTION

None known

Ezi-Root + Esi-Root

OTHER INFORMATION

ENVIRONMENTAL PROTECTION

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

CONTACT POINT

Australia Poisons Information Centre

24 Hour Service 13 11 26

Police or Fire Brigade 000

Adelaide 08 8204 6117

Canberra 06 285 2852

Hobart 002 388 485

Perth 08 9381 1177

Brisbane 07 3253 8233

Darwin 089 228 842

Melbourne 0055 1 5678

Sydney 02 692 6111

DATE OF ISSUE MAR 2020

DATE REVIEWED MAR 2020

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