

Kelp X (Pty) Ltd Reg: No: 2017/531270/07  
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## MATERIAL DATA SAFETY SHEET



Issued by KelpX

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### 1. Product and Company Identification

Name: KelpX-5

Manufacturer: KelpX (Pty) Ltd

PO Box 11355

Tiegerpoort

0056

South Africa

Tel: +27 60 913 9902

Email: [wecare@kelpx.com](mailto:wecare@kelpx.com)

## 2. Composition Information on Ingredients

Material	%	CAS no
Ecklonia maxima		
Kelp, Brown kelp, seaweed, sea bamboo )	47,00	Not available
Water	45,77	7732-18-5
Acetic Acid	1,00	64-19-7
Ascorbic acid	0,20	50-81-7
Boric acid	0,10	10043-35-3
Citric acid monohydrate	0,50	5949-29-1
Phosphoric acid	2,50	7664-38-2
Potassium hydroxide	2,50	1310-58-3
Potassium sorbate	0,20	24634-61-5
Sodium Benzoate	0,20	532-32-1
Zinc sulphate	0,03	7733-02-0

## 3. Product Properties

pH 4.0 – 6.7

SG: 1.04 – 1.15 kg/Litre

## 4. Hazards Identification

Unlikely to cause harmful effects under normal conditions of handling and use. Personal Protective Equipment according to Section 8 is suggested for use when handling the product.

## 5. First Aid Measures

Exposure Route	Symptom	Treatment
Drinking	Upset stomach	Drink plenty of water, if symptoms continue seek medical attention.
Eye Contact	Irritation	Rinse with plenty of water. If symptoms continue seek medical attention.
Skin	Contact	Very mild irritation. Wash skin with water and rinse thoroughly.

## **6. Fire Fighting Procedures**

The product is an aqueous liquid and is not flammable. Normal standard firefighting media such as powder, foam or water are suitable.

## **7. Accidental Release Measures**

Safely Precautions	None
Clean up procedures	Wash the area with water
Environmental Precautions	None

## **8. Handling & Storage**

Store in cool dry place out of direct sunlight. Do not allow to freeze.

## **9. Exposure Controls / Personal Protection**

Personal protective equipment is recommended for use:

Eye: Goggles

## **10. Physical & Chemical Properties**

Appearance	Green brown liquid
Boiling point	100 deg. C at sea level
Flammability	not flammable

## **11. Stability & Reactivity**

The product contains natural plant growth hormones and needs to be kept out of direct sunlight and in a cool place to avoid a decrease in the hormone level.

## **12. Toxicological Information**

No direct information available.

## **13. Ecological Information**

The product contains natural plant growth hormones and is used on various crops to assist the growing process.

## **14. Disposal Considerations**

The plastic container are suitable for re-use and needs to be disposed as per normal local authority regulations.

## **15. Transport Information**

Not regulated as this product is not classified as dangerous goods.

## **16. Regulatory Information**

No risks or safety phrases stipulated. Not regulated. Conform to local authority regulations.

## **17. Other Information**

The product is intended for use as a plant growth promotor, accelerator and soil improver.

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The information provided in the MSDS is correct to the best of our knowledge, information and belief at the date of its publication. KelpX cannot accept liability for any loss, injury or damage, which may result from its use.

In compiling this MSDS we have taken into account all proper applications of the material of which we are aware. It is the responsibility of any intermediate supplier to ensure that the information contained in this MSDS is passed to the ultimate user.