

— MATERIAL SAFETY DATA SHEET —

Date prepared: 13 June 20145
Date revised: (first edition)

1. Identification of the Substance/ Preparation and the Company/Undertaking

Substance or preparation trade name	Katana
Company/undertaking name & address	Shogun Fertilizers Kemp House 152 City Road London. EC1V 2NX
Emergency telephone	
Email	

2. Composition

Substance	Soilless Plant additive
% Content	An aqueous extract of seaweeds containing small quantities of food grade preservatives. Potassium Sorbate (CAS No. 590-00-1) B Vitamin complexes.
CAS Number	N/A
Classification	Product not classified
EINECS	N/A

3. Hazards Identification

PRIMARY HAZARDS	None.
HEALTH EFFECTS: - EYES - INGESTION - INHALATION - SKIN	May cause minor irritation and watering. May cause nausea and vomiting Not likely under normal use. Prolonged contact may cause irritation and allergic dermatitis and possibly hypersensitive reactions in some people.

4. First aid measures

Skin contact	IMMEDIATELY IRRIGATE WITH OR CLEAN WATER
Eye contact	IMMEDIATELY IRRIGATE WITH EYEWASH OR CLEAN WATER FOR 5 MINS.
Ingestion	DRINK PLENTY OF WATER. IF VOMITING STARTS SEEK MEDICAL ATTENTION DISPLAY LABEL WHERE POSSIBLE

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5. Fire fighting measures

Suitable extinguishing media	NON FLAMMABLE. NON-COMBUSTIBLE. Use extinguishers suitable to surrounding materials. Water spray, AFFF foam, chemical dry powder or carbon dioxide.
Unsuitable extinguishing media	None
Special hazards in fire	None
Required special protective equipment for fire fighters	Self-contained breathing apparatus.

6. Accidental release measures

Spillages	ENSURE SUITABLE GLOVES AND GOGGLES ARE WORN DURING REMOVAL OF SPILLAGE
Personal precautions	WEAR SUITABLE GLOVES AND GOGGLES IN CASE OF SPLASHES
Environmental precautions	Ensure product is not disposed of in waterways.

7. Handling and storage

Handling	PREVENT CONTACT WITH EYES, SKIN AND CLOTHING. WASH AFTER HANDLING.
Storage	STORE ABOVE 7°C TO PREVENT CRYSTALLISATION. KEEP AWAY FROM DIRECT SUNLIGHT

8. Exposure Controls

Eye protection	WEAR SAFETY GOGGLES.
Hand protection	WEAR RUBBER GLOVES
Hygiene measures	AN EYEWASH SHOULD BE NEARBY AND READY FOR USE.

9. Physical and chemical properties

Appearance	Green LIQUID
Odour	Sweet earthy
pH	2.6-5.0
Boiling point	No data
Melting point	No data
Flashpoint	No data
Explosive properties	No data
Vapour pressure	No data
Relative density	1.03 kg/l
Solubility	WATER SOLUBLE

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10. Stability and reactivity

Conditions to avoid

Temperatures above 50°C, below 4°C.

Materials to avoid

Acids

Hazardous decomposition products

Combustion will generate toxic fumes of nitrogen oxides.

11. Toxicological information

Acute toxicity

N/A

Local effects

N/A

Excessive exposure may affect human health as follows:

- Skin contact;
- Eye contact;
- Inhalation/ingestion:

MILD IRRITANT, prolonged exposure may cause dermatitis.
MILD IRRITANT
CAUSE VOMITING IF INGESTED

12. Ecological information

Environmental fate and Distribution

THE PRODUCT IS SOLUBLE IN WATER. THE PRODUCT HAS LOW POTENTIAL FOR BIOACCUMULATION. THE PRODUCT HAS HIGH MOBILITY IN SOIL.

Toxicity

POSES NO SIGNIFICANT THREAT.

13. Disposal Considerations

Disposal should be in accordance with local national legislation.

14. Transport information

Classification data:

N/A

15. Regulatory information

N/A