

M.S.D.S.

1. Identification of the substance/preparation and company/undertaking.

NAME 913

MSDS No 913 USA

Synonyms: Nutrient

Common uses: waste water treatment

Supplied by: QCA Green Start

1798 Iowa Drive
 Le Claire, IA
 52573

Tel: 563-289-3373
 Fax: 563-289-5526

2. Composition/information on ingredients.

Contains:

Kelp 100% CAS 84775-78-0

<u>Hazardous Ingredient / impurity</u>	<u>% Conc.</u>	<u>Classification</u>	<u>Exposure</u>	<u>CAS</u>	<u>EINECS</u>
None					

3. Hazards identification.

Classification: N/A

4. First Aid measures.

<u>Exposure Route</u>	<u>Symptom</u>	<u>Treatment</u>
Inhalation	Non-irritating under normal use conditions.	Remove from exposure, rest and keep warm. In severe cases, or if recovery is not rapid or complete seek medical attention.
Skin Contact	Non-Irritating	Wash with soap and water
Eye Contact	Same as dust	Irrigate thoroughly with water for at least 10 minutes. Non-toxic.
Ingestion	Non-toxic	Wash out mouth with water. Give water to drink.

Immediate Treatment / Antidote: symptomatic treatment

Delayed Effects: N/A

5. Fire Fighting measures.

Suitable Extinguishers: water

Unsuitable Extinguishers:

Hazardous Combustion Products: none in normal use.

Special Equipment for Fire Fighting: self contained breathing apparatus

6. Accidental Release measures.

Personal Precautions: Wear appropriate PPE - See section 8

Environmental Precautions: Kelp is naturally occurring and should not pose an environmental risk.

Clean up Procedure: Handle spillage or waste disposal in the same manner as any dry vegetable product. Spills may be easily cleaned by removing as much solid as possible and washing remaining spill with water.

7. Handling & Storage.

Handling

Ventilation: Good general ventilation.

Recommended procedures & equipment: avoid creating dust

Storage

Temperature range: 0 deg C to 40 deg C for product viability only.

Humidity range: less than 40% for long term exposure of unprotected product for product viability only.

Keep away from: See section 10

Suitable storage Media: original container with closed lid

Precautions against static discharge: recommended.

8. Exposure Controls/personal protection.

Exposure standards:

Component	LTEL (8h TWA)	STEL (15 mins)	Type
None			

Personal Protective Equipment:

Respiratory: Dust mask

Hand: Wash hands after use.

Eye: Safety glasses or goggles recommended.

Skin: Wash after exposure.

Environmental controls: Users should be aware of environmental considerations and their duties under the environmental protection act.

Hygiene Measures: Always wash thoroughly after handling product.

9. Physical & Chemical Properties.

Appearance	Brownish-black powder
Odor	Marine odor
pH	Not Available
Boiling Point/range	Not Applicable
Melting Point/range	Not Applicable
Flash point	Not Applicable
Flammability	Not flammable under normal conditions of storage and handling.
Autoignition temperature	Not Applicable
Explosive limits	Na except in presence of large dust cloud

Oxidizing Properties	Non
Vapour Pressure	Not Applicable
Relative density	0.6 to 0.8
Solubility in water	100%
Solubility in solvent	Not soluble
Partition coefficient	Not Applicable
Viscosity	Not Applicable
Vapour density	Not Applicable
Evaporation rate	Not Applicable
Conductivity	Not Applicable

10. Stability & Reactivity.

Stability: Stable under normal storage and handling conditions.

Conditions to avoid: Accumulations of product in enclosed spaces and generation of dust.

Materials to avoid: Oxidants and acids will cause degradation.

Hazardous decomposition products: when charring, small amounts of sulphuric acid are given off.

11. Toxicological Information.

Toxicological effects: Not Applicable

LD_{Lo}

LD₅₀

Oral-rat

skin-rabbit

12. Ecological Information.

Environmental Effects: Minimal impact under normal conditions of use and storage. The carriers are naturally occurring materials.

Mobility: disperses in water

Degradability: contents are biodegradable

Bioaccumulative potential: Not Known

Aquatic Toxicity: Not Known

13. Disposal considerations.

Substance: Via an authorized waste disposal contractor to an approved waste disposal site, observing all local and national regulations.

Container: As substance.

14. Transport Information. Not regulated for transport

UN number

Primary Hazard

Packing Group

H.I. Number

Proper Shipping name Water treatment compound

Class

Subsidiary Hazard

Emergency Action Code

Marine Pollutant

15. Regulatory Information.

Label Name 913
Symbols no risk or safety phrases stipulated
Risk Phrases no risk or safety phrases stipulated
Safety Phrases no risk or safety phrases stipulated
E.C. No

Additional labelling:

Use of this material may be governed by the following regulations: - (users are advised to consult these regulations for further information).

The information contained in this data sheet does not constitute an assessment of workplace risks.

16. Other Information.

Further details may be available upon request from your local distribution site.

Other: The product has been shown to be free of Salmonella and Shigella using the procedures outlined by AOAC and USDA.

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