

Orkney Seaweed Company Ltd

Seapower Product Range

Product Safety Data Sheet

[This preparation is not classified as hazardous under Chemical Hazard Information and Packaging for supply Regulations 1994(CHIP2) and proposed CHIP3; but to ensure a professional user has adequate product information this product data sheet is provided]

1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY/ UNDERTAKING

Product Name: Seapower Plus--Special NK (12-0-7)

Manufacturer: Orkney Seaweed Company Ltd
Chalmersquoy
Westray
Orkney KW17 2BZ Tel: 01857 677 214
E-mail: info@orkneyseaweed.co.uk

2. COMPOSITION/INFORMATION ON INGREDIENTS

Characterisation: Seaweed extract with added nitrogen and potash.
Total N = 12%, as nitrate and ammonium-N; 7% K₂O
Residual formaldehyde preservative - less than 0.2%.

3. HAZARDS IDENTIFICATION

Skin: May produce an allergic reaction (particularly with repeated or prolonged exposure) with people already with a sensitised skin.

Eyes: Concentrate irritating to the eyes.

Inhalation: Not an inhalation hazard under normal conditions of use.

Ingestion: Low oral toxicity.

4. FIRST AID MEASURES

Skin: Promptly wash areas in contact with concentrate; if any irritation is prolonged seek medical attention.

Eyes: In case of contact with the eyes, rinse (flush) immediately with plenty of water and continue for at least 15 minutes; if irritation continues or if in doubt seek medical advice.

Ingestion: If ingested, do not make casualty vomit; wash out mouth with water, give large quantities of water to drink immediately; if symptoms persist seek medical attention, particularly if more than small quantities swallowed.

5. FIRE FIGHTING MEASURES

Not flammable.

In event of fire caused by another cause, containers could melt releasing preparation solution which could release low levels of formaldehyde vapours; fire fighters ought be informed but it is not expected to generate a significant hazard.

6. ACCIDENTAL RELEASE MEASURES

Prevent entry into drains and watercourses (see 12)

Following spillage inside (shed/store) open doors and windows to give ventilation.

Any spillage should be cleaned up promptly, swept up and placed in a clean labelled open container for safe disposal. Do not allow to mix with sawdust/straw and other combustible or organic substances.

Depending on the degree and nature of contamination, dispose of by use as a turf nutrient or to an authorised waste facility.

7. HANDLING AND STORAGE

Do not drink

Keep locked up and out of the reach of children

Avoid contact with the skin

Use concentrate only in well-ventilated areas

Avoid contact with the eyes

Avoid misting during application

Follow manufacturers guidance on dilution/application rates.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

When handling concentrate wear suitable gloves and eye protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: aqueous liquid

Colour: golden brown

pH: 5-6.5

Solubility: aqueous solution fully miscible in more water

Density: 1.18 - 1.21 g/ml approx.

Odour: Weak ammoniacal odour.

10. STABILITY AND REACTIVITY

Stable under ambient conditions

Non-combustible aqueous product

Plastic containers may be destroyed by fire, combusting to release toxic fumes;

If fire evaporates water leaving solid residue, it may decompose releasing ammonia.

11. TOXICOLOGICAL INFORMATION

The preparation is not classified as hazardous as stated above, contains a low level of formaldehyde preservative, below concentrations considered hazardous under CHIP 2/3 regulations; May have allergic reactions on sensitised skin.

12. ECOLOGICAL INFORMATION

No harmful effects if used as recommended

Low toxicity to aquatic life

No potential for bioaccumulation

Readily biodegradable in soil and water

Contains plant growth promoter and relatively high plant nutrient (particularly nitrogen) therefore may promote plant growth in watercourses; Heavy spillage may cause adverse environmental impact such as eutrophication in confined surface waters, or nitrate contamination.

Prevent entry to the drains

If spillage occurs do not contaminate surface waters or ditches

Inform the appropriate authority in the event of accidental watercourse contamination.

13. DISPOSAL CONSIDERATIONS

Return or dispose of container in an appropriate manner, in accordance with local regulations
Container recyclable (polyethylene).

14. TRANSPORT INFORMATION

UN Number: Not hazardous for transport. Does not apply

Packing: N/A

Hazard Class: N/A

15. REGULATORY INFORMATION

The preparation is not classified as hazardous according to EC Directive 88/379/EEC, and UK implementation regulations under Chemical Hazard Information and Packaging for supply Regulations 1994(CHIP2) and CHIP3.

16. OTHER INFORMATION

The data given in this sheet are provided in good faith and is based on current knowledge and experience: however, no liability is accepted for any insufficiency or omission in any case whatsoever.

This data sheet does not constitute an assessment of workplace control as required by current legislation.

Seapower is a registered trade name.

Rev 4

Date of Issue: 06.12.05