



MATERIAL SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION

PRODUCT NAME	SeaVolution Sport Plus
DESCRIPTION	Liquid Seaweed Extract mixed with chelated Iron 5%
MANUFACTURERS NAME AND ADDRESS	Oilean Glas Teoranta Ballymoon Industrial Estate Kilcar Co. Donegal Ireland
PRODUCT TYPE	Marine Aquatic Plant Extract mixed with chelated iron
CHEMICAL FAMILY	Not Applicable (natural product mix)

2. PRODUCT CONTENT

MATERIAL OR COMPONENT	50% of seaweed liquid cold extract from physical extraction from fresh Algae <i>Ascophyllum nodosum</i> mixed with 50% of a 5% chelated Iron solution
PRESERVATIVE	Commercial mix – fertilizer to cosmetic grade Used < 0.1% in the final product

3. USE AND INSTRUCTIONS

PURPOSE	Grass and soil conditioner
DIRECTION FOR USE	Dilute in water. Contact manufacturer for details of application rates
PACK SIZE	1ltr to 1000 litres

4. PHYSICAL-CHEMICAL PROPERTIES

APPEARANCE AND COLOUR	Dark Green / brownish
ODOUR	Characteristic fishy odour from seaweed
pH	Between 5.5 and 8
BOILING POINT	102°C
VOLATILE COMPOUNDS	Not applicable (no volatile components)
VAPOUR PRESSURE (mmHg)	Not determined
DENSITY	> 1.04 g/ml
MELTING POINT (°C)	Not applicable
SOLUBILITY	100% soluble in water
SPECIFIC GRAVITY	Not determined

5. FIRE AND EXPLOSION DATA

FIRE AND EXPLOSION HAZARD	Not applicable
FLASH POINT (Deg.C.)	Not applicable (aqueous solution)
EXPLOSIVE LIMITS IN AIR (% volume)	Not applicable (no explosive component)
AUTO IGNITION TEMPERATURE	Not applicable (no flammable component)
FIRE EXTINGUISHING MEDIA	Not applicable
SPECIAL FIRE FIGHTING PROCEDURES	Not applicable
UNUSUAL FIRE AND EXPLOSION HAZARD	Not applicable

6. HEALTH HAZARD INFORMATION

EFFECT ON / OF	
INHALATION	Mild irritation effects to nose and throat may occur from really deep inhalation of the liquid due to the Iron composition
EYES	May cause irritation on prolonged or repeated contacts
SKIN	May cause irritation on prolonged or repeated contacts
INGESTION	Small amounts (20-30 cc) swallowed accidentally are not likely to cause bad effects; large quantities might cause gastrointestinal symptoms – non toxic nor pathogenic

EMERGENCY AND FIRST AID PROCEDURES	
INALATION	If symptoms such as nose or throat irritation are observed, remove to fresh air
EYES	Use eye wash medium or abundant fresh water to cleanse eye.
SKIN	No treatment necessary
INGESTION	In case large amounts are swallowed, give two glasses of drinking water and seek medical attention

7. REACTIVITY DATA

STABILITY	9 – 12 months
HAZARDOUS DECOMPOSITION PRODUCTS	none
HAZARDOUS POLYMERIZATION	none
MATERIALS/SITUATIONS TO AVOID	none
PRODUCTS FORMED WHEN SUBJECTED TO OPEN FLAME AND HIGH TEMPERATURE	none
CORROSIVENESS	non corrosive
RADIOACTIVITY	negligible

8. SPILLAGE AND DISPOSAL

STEPS TO BE TAKEN IF MATERIAL IS LEAKED OR SPILLED	Surfaces can become slippery. Handle spillage as for viscous liquid. Sponge as much liquid/solid as possible and the remaining can be washed away until surface non-slippery – Prevent liquid from entering drinking water supplies
WASTE DISPOSAL METHOD	Scoop up as much of the viscous liquid as possible and dump under normal waste regulations. The remaining can be washed away with water using dilution factor

9. PRECAUTIONS FOR HANDLING

VENTILATION REQUIREMENTS	No special requirements
RESPIRATORY PROTECTION	No special requirements
EYE PROTECTION TYPE	Use goggles if contact is likely
PROTECTIVE GLOVES	Plastic standard gloves
PROTECTIVE CLOTHING	No special requirements
GENERAL	No special requirements

10. STORAGE AND TRANSPORT

STORAGE	Cool, indoor, dry place. Ensure that the product is not exposed to air or direct light.
SHELF LIFE	9 – 12 month to keep all nutrients active
HAZCHEM CODE	none
TRANSPORT	n.a.
CLASS	n.a.
SUB RISK CLASS	n.a.

APPROVED BY TECHNICAL MANAGER