

SAFETY DATA SHEET
SEAMAXX 3-1-3

SDS # : NP-0063-4-A
Revision date: 2017-06-20
Format: NA
Version 1



1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name SEAMAXX 3-1-3

Other means of identification

Product Code(s) NP-0063-4-A

Recommended use of the chemical and restrictions on use

Recommended Use: A fertilizer with micronutrients for use in agriculture and horticulture

Restrictions on Use: Use as recommended by the label

Supplier Address

Headland Agrochemicals
Rectors Lane
Pentre
Flintshire
CH5 2DH
United Kingdom
Tel: +44(0)1244 537370
Fax: +44(0)1244 532097
Email: flintshire.enquiry@fmc.com

Manufacturer Address

Headland Agrochemicals
Rectors Lane
Pentre
Flintshire
CH5 2DH
United Kingdom
Tel: +44(0)1244 537370
Fax: +44(0)1244 532097
Email: flintshire.enquiry@fmc.com

Emergency telephone number +44(0)1244 537370 (office hours only)

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

GHS Label elements, including precautionary statements

EMERGENCY OVERVIEW

<p>Not classified</p>

Hazard Statements

None

Precautionary Statements - Prevention

None

Precautionary Statements - Response

None

Hazards not otherwise classified (HNOC)

No hazards not otherwise classified were identified.

Other Information

No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

The product contains no substances which at their given concentration, are considered to be hazardous to health.

4. FIRST AID MEASURES

Eye Contact	Hold eyes open and rinse slowly and gently with water for 15-20 minutes.
Skin Contact	Wash off immediately with soap and plenty of water.
Inhalation	Remove person from exposure ensuring one's own safety while doing so.
Ingestion	Rinse mouth. Get medical attention immediately if symptoms occur.
Most important symptoms and effects, both acute and delayed	<p>Skin contact: May see mild irritation at the site of contact.</p> <p>Eye contact: Possible irritation and redness.</p> <p>Ingestion: Possible irritation of the throat.</p> <p>Inhalation: May experience irritation of the throat with a feeling of tightness in the chest.</p> <p>Delayed/Immediate effects: Immediate effects can be expected after short-term exposure.</p>
Indication of immediate medical attention and special treatment needed, if necessary	Treat symptomatically

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Specific Hazards Arising from the Chemical	None known
Explosion data	
Sensitivity to Mechanical Impact	No information available.

Sensitivity to Static Discharge	No information available.
Protective equipment and precautions for firefighters	As in any fire, wear self-contained breathing apparatus and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	For personal protection see section 8. Stop leak if you can do it without risk.
Other	Use personal protective equipment as required.
Environmental Precautions	Keep people and animals away from and upwind of spill/leak. Keep material out of lakes, streams, ponds, and sewer drains.
Methods for Containment	Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).
Methods for cleaning up	Wash spillage site with large amounts of water. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Dispose of waste as indicated in Section 13.

7. HANDLING AND STORAGE

Handling	Ensure adequate ventilation.
Storage	Protect from frost, heat and sunlight. Keep in a dry, cool and well-ventilated place. Keep away from direct sunlight. Keep away from heat and sources of ignition i.e., steam pipes, radiant heaters, hot air vents or welding sparks. Keep out of reach of children and animals. Keep away from food, drink and animal feedingstuffs. Store above 5°C.
Incompatible products	Strong oxidizing agents, Strong acids

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering measures Ensure adequate ventilation.

Individual protection measures, such as personal protective equipment

Eye/Face Protection	Safety glasses with side-shields. Maintain eye wash fountain and quick-drench facilities in work area.
Skin and Body Protection	Wear suitable protective clothing. Protective shoes or boots.
Hand Protection	Protective gloves PVC gloves. Impervious butyl rubber gloves. Wear chemical protective gloves made of materials such as nitrile or neoprene.
Respiratory Protection	For dust, splash, mist or spray exposures wear a filtering mask.
Hygiene measures	Clean water should be available for washing in case of eye or skin contamination. Remove and wash contaminated clothing before re-use. Wash skin prior to eating, drinking, chewing gum or using tobacco. Shower or bathe at the end of working. Launder work clothing separately from regular household laundry.
General information	If the product is used in mixtures, it is recommended that you contact the appropriate protective equipment suppliers.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Liquid
Physical State	Liquid
Color	Black
Odor	Slight smell of seaweed
Odor threshold	No information available
pH	8.0 - 9.0
Melting point/freezing point	Not applicable
Boiling Point/Range	No information available
Flash point	Not applicable
Evaporation Rate	No information available
Flammability (solid, gas)	No information available
Flammability Limit in Air	
Upper flammability limit:	No information available
Lower flammability limit:	No information available
Vapor pressure	No information available
Vapor density	No information available
Density	1.12 - 1.13
Specific gravity	No information available
Water solubility	No information available
Solubility in other solvents	No information available
Partition coefficient	No information available
Autoignition temperature	No information available
Decomposition temperature	No information available
Viscosity, kinematic	No information available
Viscosity, dynamic	No information available
Explosive properties	No information available
Oxidizing properties	Non-oxidizing (by EC criteria)
Molecular weight	No information available
Bulk density	No information available

10. STABILITY AND REACTIVITY

Reactivity	Stable under recommended storage conditions
Chemical Stability	Stable under recommended storage conditions.
Possibility of Hazardous Reactions	Decomposition may occur on exposure to conditions or materials listed below.
Hazardous polymerization	Hazardous polymerization does not occur.
Conditions to avoid	Heat
Incompatible materials	Strong oxidizing agents, Strong acids.
Hazardous Decomposition Products	May emit toxic fumes under fire conditions.

11. TOXICOLOGICAL INFORMATION

Product Information

LD50 Oral	> 2000 mg/kg (Calculated Estimated Acute Toxicity - EAT)
LD50 Dermal	> 2000 mg/kg (Calculated Estimated Acute Toxicity - EAT)
LC50 Inhalation	> 5 mg/L (4-hr) (Calculated Estimated Acute Toxicity - EAT)
Serious eye damage/eye irritation	Not expected to be irritating based on the components.
Skin corrosion/irritation	Not expected to be irritating based on the components.
Sensitization	Not expected to be sensitizing based on the components.

Information on toxicological effects

Symptoms	Skin contact: May see mild irritation at the site of contact.
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Eye contact: Possible irritation and redness.
 Ingestion: Possible irritation of the throat.
 Inhalation: May experience irritation of the throat with a feeling of tightness in the chest.
 Delayed/Immediate effects: Immediate effects can be expected after short-term exposure.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Mutagenicity	No information available
Carcinogenicity	Not recognized as carcinogenic by Research Agencies (IARC, NTP, OSHA, ACGIH)
Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.

Aspiration hazard	No information available.
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12. ECOLOGICAL INFORMATION

Ecotoxicity

No significant environmental effects are expected.

Persistence and degradability	No information available.
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Bioaccumulation	No information available.
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Mobility	No information available.
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Other Adverse Effects	Negligable.
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13. DISPOSAL CONSIDERATIONS

Waste disposal methods	It must undergo special treatment, e.g. at suitable disposal site, to comply with local regulations.
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Contaminated Packaging	Clean container with water. Dispose of rinse water in accordance with local and national guidelines. Dispose of in accordance with local regulations.
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14. TRANSPORT INFORMATION

NOTE	NOT CLASSIFIED AS DANGEROUS IN THE MEANING OF TRANSPORT REGULATIONS.
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DOT	NOT REGULATED
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TDG	NOT REGULATED
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ICAO/IATA	NOT REGULATED
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IMDG/IMO	NOT REGULATED
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15. REGULATORY INFORMATION

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazard	No
Chronic health hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

This product does not contain any substances regulated by state right-to-know regulations

International Inventories**CANADA****WHMIS Statement**

This product has been classified in accordance with the Hazardous Products Regulations (HPR) and the SDS contains all the information required by the HPR.

WHMIS Hazard Class Non-controlled

16. OTHER INFORMATION

NFPA	Health Hazards 0	Flammability 0	Instability 0	Special Hazards -
HMIS	Health Hazards 0	Flammability 0	Physical hazard 0	Personal Protection X

NFPA/HMIS Ratings Legend Severe = 4; Serious = 3; Moderate = 2; Slight = 1; Minimal = 0

Revision date: 2017-06-20
Reason for revision: Format Change

Disclaimer

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

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Prepared By:

Headland Agrochemicals

End of Safety Data Sheet