

# SAFETY DATA SHEET

According to Safe Work Australia

Print Date: 16.01.2023

Revision: 16.01.2023

## 1. IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

**Product Name:** Martello**Product Type:** Seaweed Extract (Bio stimulant)**Recommended Use of the Chemical and Restriction on Use:** For use as a plant feed bio stimulant in various agricultural situations as per Directions for Use on the Label.**Details of Manufacturer or Importer:**Agspec Australia Pty Ltd (ABN 40 109 753 953)  
1 Krummel Street  
Mt Gambier, SA 5290**Phone Number:** 1800 683 456**Emergency telephone number:** +61 427 490 551

## 2. HAZARDS IDENTIFICATION

**GHS Classification of the substance:**

NOT Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

NOT a Scheduled Poison in accordance with the Standard for the Uniform Scheduling of Medicines and Poison (SUSMP)

NOT classified as Dangerous Goods in accordance with the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG).

**Signal Word:** Void**Hazard Statements:** Void

## 3. COMPOSITION AND INFORMATION ON INGREDIENTS

Name	CAS	Proportion
Ascophyllum nodosum, ext	84775-78-0	-

## 4. FIRST AID MEASURES

**Skin Contact:** IF ON SKIN (or hair): Rinse with water. Get medical attention if irritation persists after washing.**Eye Contact:** IF IN EYES: Rinse cautiously with water for several minutes. Get medical attention if any discomfort continues.**Ingestion:** IF SWALLOWED: Rinse mouth thoroughly with water. Get medical attention if symptoms are severe or persist.**First Aid Protection:** No specific requirements are anticipated under normal conditions of use.

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**Advice to Doctor:** Treat symptomatically.

**General information:** The product is considered to be a low hazard under normal conditions of use.

## 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:** Use fire-extinguishing media suitable for the surrounding fire. The product is not flammable. The product is non-combustible.

**Hazards from Combustion Products:** Not applicable

**Special Protective Equipment and Precautions for Fire Fighters:** No specific requirements are anticipated under normal conditions of use.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment and Emergency Procedures:**

For personal protection, see Section 8. Take care as floors and other surfaces may become slippery. Avoid contact with skin and eyes.

**Environmental Precautions:** The product is water-soluble and may spread in water systems.

**Methods and Materials for Containment and Cleaning Up:** Collect spillage with a shovel and broom, or similar and reuse, if possible. Small Spillages: Wipe up with an absorbent cloth and dispose of waste safely. Large Spillages: Contain and absorb spillage with sand, earth or other non-combustible material. Take care as floors and other surfaces may become slippery.

## 7. HANDLING AND STORAGE

**Precautions for Safe Handling:** Avoid contact with skin and eyes. For personal protection, see Section 8.

**Conditions for Safe Storage:** Keep containers upright. Keep out of the reach of children.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Exposure Standards:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Engineering Controls:** Ensure adequate ventilation of the working area.

**Respiratory Protection:**

Where an inhalation risk exists, wear a Class P1 (particulate) respirator. At high dust levels, wear a powered air purifying respirator (PAPR) with Class P3 (Particulate) filter or an air-line respirator or a full-face Class P3 (particulate) respirator. See Australian/New Zealand Standards AS/NZS 1715 and 1716 for more information.

**Skin Protection:**

PVC, PVA, nitrile, neoprene, rubber or vinyl gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information. When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

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Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

**Eye and Face Protection:**

Wear eye protection. See Australian/New Zealand Standard AS/NZS 1337 for more information.



## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Dark-coloured liquid
<b>Form:</b>	Liquid
<b>Colour:</b>	Brown
<b>Odour:</b>	Marine
<b>Odour Threshold:</b>	Not determined
<b>pH-Value:</b>	4.8 - 6
<b>Melting point / Melting range:</b>	Not applicable
<b>Initial Boiling Point / Boiling Range:</b>	100°C
<b>Flash Point:</b>	Not determined
<b>Flammability:</b>	Not applicable
<b>Auto-ignition Temperature:</b>	Not applicable
<b>Decomposition Temperature:</b>	Not determined
<b>Explosion Limits:</b>	
<b>Lower:</b>	Not applicable
<b>Upper:</b>	Not applicable
<b>Vapour Pressure:</b>	Not applicable
<b>Density:</b>	Not applicable
<b>Relative Density at 20 °C:</b>	1.165 – 1.180
<b>Vapour Density:</b>	Not determined
<b>Evaporation Rate:</b>	Not determined
<b>Solubility in Water:</b>	Not applicable
<b>Partition Coefficient (n-octanol/water):</b>	Not determined

## 10. STABILITY AND REACTIVITY

**Possibility of Hazardous Reactions:** There are no known reactivity hazards associated with this product.

**Chemical Stability:** Stable at normal ambient temperatures.

**Conditions to Avoid:** No specific requirements are anticipated under normal conditions of use.

**Incompatible Materials:** No specific requirements are anticipated under normal conditions of use.

**Hazardous Decomposition Products:** No known hazardous decomposition products.

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## 11. TOXICOLOGICAL INFORMATION

**Toxicity:**

**Acute Health Effects**

**Inhalation:** No adverse health effects expected.

**Skin:** Mild irritation may occur at the site of contact.

**Eye:** May cause irritation and redness.

**Ingestion:** May cause throat irritation. May cause stomach pain or vomiting.

**Skin Corrosion / Irritation:** Based on classification principles, the classification criteria are not met.

**Serious Eye Damage / Irritation:** Based on classification principles, the classification criteria are not met.

**Respiratory or Skin Sensitisation:** Based on classification principles, the classification criteria are not met.

**Germ Cell Mutagenicity:** Based on classification principles, the classification criteria are not met.

**Carcinogenicity:** This product does NOT contain any IARC listed chemicals.

**Reproductive Toxicity:** Based on classification principles, the classification criteria are not met.

**Specific Target Organ Toxicity (STOT) - Single Exposure:**  
Based on classification principles, the classification criteria are not met.

**Specific Target Organ Toxicity (STOT) - Repeated Exposure:**  
Based on classification principles, the classification criteria are not met.

**Aspiration Hazard:** Based on classification principles, the classification criteria are not met.

**Chronic Health Effects:** No information available

**Existing Conditions Aggravated by Exposure:** No information available

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** The product components are not classified as environmentally hazardous.

**Aquatic toxicity:** The product may contribute to an excessive enrichment of the aquatic environment with nutrients.

**Persistence and Degradability:** The product is biodegradable.

**Bio accumulative Potential:** No information required.

**Mobility in Soil:** The product is soluble in water.

**Other adverse effects:** No information available

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## 13. DISPOSAL CONSIDERATIONS

**Disposal Methods and Containers:** Dispose according to applicable local and state government regulations.

**Special Precautions for Landfill or Incineration:** Please consult your state Land Waste Management Authority for more information.

## 14. TRANSPORT INFORMATION

### Transport Information

**U.N. Number:** Not regulated

**U.N. Proper Shipping Name:** Not regulated

**Dangerous Goods Class:** Not regulated

**Packing Group:** Not regulated

## 15. REGULATORY INFORMATION

### Regulatory Information:

**Australian Inventory of Chemical Substances:** There are no regulatory obligations as per the Australian Inventory of Industrial Chemicals (AICS)

**Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:**  
Not Scheduled

## 16. OTHER INFORMATION

**Date of Preparation or Last Revision:** 16.01.2023

### Abbreviations and acronyms:

ADG: Australian Dangerous Goods

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

### Disclaimer

This SDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - December 2011"

The information contained in this safety data sheet is provided in good faith and is believed to be accurate at the date of issuance. Agspec Australia Pty Ltd makes no representation of the accuracy or comprehensiveness of the information and to the full extent allowed by law excludes all liability for any loss or damage related to the supply or use of the information in this material safety data sheet. Agspec Australia Pty Ltd is not in a position to warrant the accuracy of the data herein. The user is cautioned to make their own determinations as to the suitability of the information provided to the particular circumstances in which the product is used.