



# RED DIAMOND COMPOST INC.

## MATERIAL SAFETY DATA SHEET

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Date: 20-Jul -22

Red Diamond Supreme Sea Horticultural Biostimulant

Rev: 1

### SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

- 1.1 Product Identifier: Red Diamond Supreme Sea Horticultural Biostimulant
- 1.2 Relevant identified uses: Soluble Plant Biostimulant Preparation
- 1.3 Details of the Supplier of SDS: Red Diamond Compost Inc.  
Weston, St James, Barbados
- 1.4 Emergency Telephone Number: +1(246) 549 1594

### SECTION 2. HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture
- Classification: Not Classified  
Health Hazards: Not Classified  
Environmental Hazards: Not Classified
- 2.2 Label Elements
- Pictogram: N/A  
Signal Word: N/A  
Hazard-determining components of labelling: N/A  
Hazard Statements: N/A  
Precautionary Statements: N/A
- 2.3 Other Hazards: N/A
- 2.4 Potential Acute Health Effects
- Eyes: No known significant effects or critical hazards.  
Skin: No known significant effects or critical hazards.  
Inhalation: No known significant effects or critical hazards.  
Ingestion: No known significant effects or critical hazards.
- 2.5 Potential Chronic Health Effects
- Carcinogenicity: No known significant effects or critical hazards.  
Chronic effects: No known significant effects or critical hazards.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS.

There are no ingredients present in Red Diamond Supreme Sea Horticultural Biostimulant which, in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

### SECTION 4. FIRST AID MEASURES

- 4.1 Description of first aid measures
- Inhalation: If respiratory symptoms develop, remove exposed person to fresh air immediately. In severe cases, or if recovery is not rapid or complete seek medical attention.
- Skin Contact: If irritation occurs rinse with plenty of water. Remove contaminated clothing and wash before reuse. If irritation persists seek medical attention.
- Eye Contact: Immediately flush eyes thoroughly with water for at least 10 minutes occasionally lifting the upper and lower eyelids. Seek medical attention if symptoms occur.
- Ingestion: Wash out mouth with water. Do not induce vomiting unless directed to do so by medical professional. If person is conscious, give water to drink. Seek medical attention if symptoms occur.
- 4.2 Most important symptoms and effects, both acute and delayed
- General Information: None under normal use
- 4.3 Indication of any immediate medical attention and special treatment needed
- General Information: None under normal use

### SECTION 5. FIRE-FIGHTING MEASURES

- 5.1 Extinguishing Media: Use extinguishing media suitable to the surrounding fire conditions
- 5.2 Special Hazards Arising from the Substance or Mixture: May give off fumes if heated to decomposition. Do not breathe fumes
- 5.3 Advice for firefighters: No specific fire or explosion hazard. Self-contained breathing apparatus may be required.



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## SECTION 6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures Refer to protective measures listed in section 7 "Handling and Storage". As a water based product, if spilt on electrical equipment the product will cause short-circuits.
- 6.2 Environmental precautions Avoid dispersal of spilled material and runoff. Inform the relevant authorities if the product has caused environmental pollution. (sewers, waterways, air).
- 6.3 Methods and material for containment and cleaning up Put on appropriate personal protective equipment (see section 8). Contain and sweep up spillages with non-combustible, absorbent material e.g. sand, earth, or vermiculite. Place unusable material in labelled containers or plastic bags for disposal. Wet residues are slippery; wash floor to remove traces.

## SECTION 7. HANDLING AND STORAGE

- 7.1 Precautions for Safe Handling Handle in accordance with good hygiene practice. Keep away from foodstuffs.
- 7.2 Conditions for safe storage, including any incompatibilities Store in original container protected from direct sunlight in a dry cool and well-ventilated area. Avoid prolonged contact with metals.
- 7.3 Specific end uses Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Control Parameters  
Occupational exposure limits: N/A
- 8.2 Exposure Controls  
Protective Equipment: Nitrile gloves may be worn for personal hygiene purposes. Wear coverall and rubber boots when dealing with bulk spillages.
- Appropriate Engineering Controls: No special ventilation requirements. Adequate ventilation in the work area should be sufficient to control worker exposure.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical state: Liquid solution  
Colour: Brown  
Odour: Molasses like  
Odour threshold: Not determined  
pH value: 3.0 - 4.5  
Initial melting point (°C): N/A  
Initial boiling point and boiling range (°C): N/A  
Flash point (°C): N/A  
Flammability (solid): Product is non-flammable  
Ignition temperature (°C): N/A  
Decomposition temperature (°C): N/A  
Self-flammability (°C): Product is not self-igniting  
Danger of explosion(°C): Product is not explosive  
Vapour Pressure: N/A  
Bulk density: 1.20-1.28 g/ml  
Vapour density: N/A  
Evaporation rate: N/A  
Solubility in water: Completely soluble  
Specific Gravity at 25°C: 1.0 -1.1  
Viscosity dynamic at 20°C: N/A

## SECTION 10. STABILITY AND REACTIVITY

- 10.1 Reactivity: Product has long-term stability under normal conditions.
- 10.2 Chemical stability: Not applicable
- 10.3 Possibly hazardous reactions: Under normal conditions of storage and use, hazardous reactions will not occur.
- 10.4 Conditions to avoid: Not applicable
- 10.5 Reactive or Incompatible materials: Avoid mixing with strong oxidising agents, strong acids, strong bases, hypochlorites, aldehydes, allyl chloride.
- 10.6 Hazardous decomposition products: No known hazardous decomposition products



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## SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects Products not classified. Unlikely to be hazardous under normal conditions of use.  
11.2 Acute or chronic toxicity No specific data.

## SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity Contains nutrients essential for plant growth.  
12.2 Persistence and degradability Components are biodegradable. Avoid contamination of watercourses, drains, sewers.  
12.3 Bioaccumulative potential Does not bioaccumulate

## SECTION 13. DISPOSAL CONSIDERATION

Product In accordance with applicable regional, national and local laws and regulations. Use local Authority or licensed waste disposal contractor.  
Packaging HDPE. Treat as industrial waste. Most recycling facilities will collect for processing.

## SECTION 14. TRANSPORT INFORMATION

General Information This product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID/DOT/TDG)  
14.1 UN Number N/A  
14.2 UN Proper Shipping Name N/A  
14.3 Transport hazard class(es) No transport warning sign required  
14.4 Packing group N/A  
14.5 Environmental hazards None  
14.6 Special precaution for user N/A  
14.7 Transport in bulk according to Annex II MARPOL 73/78 and the IBC code. N/A

## SECTION 15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture EU legislation  
In accordance with regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).  
U.S. Federal Regulations  
SARA 302/304/311/312 extremely hazardous substances: N/A  
SARA 302/304 emergency planning and notification: N/A  
SARA 302/304/311/312 hazardous chemicals: N/A  
SARA 311/312 MSDS distribution - chemical inventory - hazard identification: N/A  
Canada  
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations  
CEPA Toxic substances: N/A  
WHMIS (Canada): Not controlled under WHMIS (Canada)  
15.2 Chemical safety Assessment No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier

## SECTION 16. OTHER INFORMATION

Notice to reader: THE INFORMATION CONTAINED IN THIS MATERIAL SAFETY DATA SHEET ("MSDS") RELATES ONLY TO THE SPECIFIC PRODUCT(S) DESIGNATED HEREIN (THE "PRODUCT"). THE INFORMATION AND RECOMMENDATIONS CONTAINED HEREIN ARE BASED UPON DATA BELIEVED TO BE CURRENT AND CORRECT AS OF THE DATE OF THIS MSDS, AND OBTAINED FROM SOURCES THAT ARE BELIEVED TO BE RELIABLE. HOWEVER, THIS INFORMATION IS FURNISHED WITHOUT WARRANTY, REPRESENTATIONS OR LICENSE OF ANY KIND, EXPRESS OR IMPLIED, WITH RESPECTS TO ACCURACY, CORRECTNESS OR COMPLETENESS, AND NEITHER (RED DIAMOND COMPOST INC.) NOR ITS MARKETING AFFILIATES (EACH, A "SELLER") ASSUME ANY LEGAL RESPONSIBILITY FOR USE OR RELIANCE UPON SAME. ALL MATERIALS MAY PRESENT UNKNOWN HAZARDS AND SHOULD BE USED WITH CAUTION. ALTHOUGH CERTAIN HAZARDS ARE DESCRIBED HEREIN, WE CANNOT GUARANTEE THAT THESE ARE THE ONLY HAZARDS THAT EXIST.