

DRAGON FRESH GREEN SORBENT

SECTION 1: Identification

Product Identifier: Sorbent (Green)

Other Means of Identification: None

Recommended Use: Absorption of VOC and H₂S vapour

Restriction on Use: None

Initial supplier: Pure Dragon Environmental, 17387 108 Ave NW, Edmonton, Alberta, T5S 1G2

Identifier: as above

Emergency Telephone Number: Office 780 250-3500; After hours 780 399-0678

SECTION 2: Hazards Identification

Classification: Non-hazardous.

Label Elements: Non-hazardous.

Other Hazards: Mild to no irritation with eyes or skin contact and with ingestion or inhalation. Not corrosive but dust may cause slight irritation.

SECTION 3: Composition Information Ingredients

Chemical Name	CAS#	Concentration	Common Name	Other Identifier
Natural Plant Product		100%	Green Sorbent	None

SECTION 4: First Aid Measures

Inhalation: Use P100 respirator if dust present.

Skin Contact: Flush the area with plenty of water.

Eye Contact: Immediately flush with plenty of fresh water.

Ingestion: Induce vomiting as directed by medical personnel.

Most Important Symptoms and Effects, Acute and Delayed: Irritation, flush with water.

Immediate Medical Attention and Special Treatment: Remove to fresh air.

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SECTION 5: Fire Fighting Measures

Extinguishing Media Suitable: Water spray, carbon dioxide, foam, or dry chemical.

Extinguishing Media Unsuitable: None.

Specific Hazards Arising from the Product: When burned products of combustion including dioxides of carbon can occur.

Special Protective Equipment and Precautions for Fire-fighters: None, Standard PPE.

SECTION 6: Accidental Release Measures

Personal Precautions: Handle in accordance with good industrial hygiene and safety practices.

Protective Equipment, and Emergency Procedures: Standard PPE. These practices include avoiding unnecessary exposure, and removal of material from eyes, skin, and clothing.

Method for Containment and Cleanup: Product is non-hazardous solid. Clean up spills in a manner that does not disperse dust into the air. Spent and new granular sorbent may be recyclable. If required, dispose of sorbent in a facility permitting non-hazardous waste.

CONTAINER DISPOSAL: Dispose in facility permitting non-hazardous waste.

SECTION 7: Handling and Storage

Precautions for Safe Handling: Keep closed until ready for use. Avoid breathing dust. Avoid contact with eyes. Wash hands and contact area after handling.

Condition for Safe Storage: Product should be stored in dry, well ventilated area. Store away from ozone, liquid oxygen, chlorine, permanganate etc. Sorbent has a shelf life of two years from the date of order.

SECTION 8: Exposure Controls & Personal Protection

Chemical Name	ACGIH		OSHA PEL	
	TWA	STEL	TWA	STEL
Green Sorbent	NA	NA	15 mg/M ³ (dust)	NA

Note:

Product Identifier: Dragon Fresh Green Sorbent
 SDS No.: PDE 0202v2
 Date of Preparation: January 25, 2021
 Previous Revision: July 5, 20219

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Appropriate Engineering Controls: Avoid dust generation. Good general ventilation

Eyes/Face Protection: Safety glasses with side shields are recommended while handling. Complete flushing with fresh water if material contacts the eyes.

Skin protection: Avoid direct skin exposure. Wash hands or any contact parts with plenty of fresh water.

Respiratory Protection: Use appropriate BIS/NIOSH/MSHA approved P100 particulate respirators if exposed to dust. Recommended limits for 8 hrs.

SECTION 9: Physical and Chemical Properties

Appearance: Black Granular Solid

Odour: None

Odour Threshold: None

pH: Solid, NA

Melting Point and Freezing Point: Solid, NA

Evaporation Point: Solid, NA

Flammability: ~ 300 C

Explosive Limit: NA

Vapour Pressure: Solid, NA

Vapour Density: Solid, NA

Relative Density (water =1): Solid, NA

Soluble in Water: No

Soluble in Other Liquids: No

Partition Coefficient (n-Octanol/Water): Solid, NA

Auto-ignition: ~300C

Decomposition Temperature: ~300C

SECTION 10: Stability and Reactivity

Reactivity: Very little.

Chemical Stability: This product is stable under the specified conditions of storage, shipment, and use.

Possible Hazardous Reaction: Incompatible Materials: Contact with strong oxidizing agents like ozone, liquid oxygen, chlorine, permanganate, etc. may result in rapid combustion. Avoid putting in contact with strong acids.

Hazardous Decomposition Products: Oxides of carbon generated if burned.

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SECTION 11: Toxicological Information

Material is non-toxic.

Likely Routes of Exposure:

X Inhalation, _ Skin Contact, Eye Contact, _ Ingestion

Acute Toxicity: Not expected to be acutely toxic

LC50

LD50(Oral)

LD50(Dermal)

Notes:

Skin Corrosion/Irritation: Mild irritation.

Serious Eye Damage/Irritation: Mild irritation

STOT (Specific Target Organ Toxicity): None

Repeated Exposure: None

Respiratory and/or Skin Sensitization: None

Carcinogenicity: None

Chemical Name	IARC	ACGIH	OSHA
Green Sorbent	Not Listed	Not Listed	Not Regulated

Reproductive Toxicity: None

Development of Offspring: None

Sexual Function and Fertility: None

Effects on or via Lactation: None

Mutagenicity: None

Interactive Effects: None

SECTION 12: Ecological Information

This material is not harmful to environment.

Ecotoxicity: None

Persistence and Degradability: None. Natural plant product which will degrade like other plant

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material.

Bio-accumulative Potential: None

Mobility in Soil: None

Other Adverse Effects: None

SECTION 13: Disposal Considerations

Sorbent in its original state is a non-hazardous material, nor is it hazardous waste. Follow applicable local laws for disposal of non-hazardous waste. Used sorbent has been tested and classified as a non-hazardous waste under normal application.

SECTION 14: Transport Information

Non-Hazardous Material

Regulation	Un No.	Proper Shipping Name	Technical Name (for N.O.S. entry)	Transport Hazard Class(es)	Packing Group
Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

SECTION 15: Regulatory Information

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D): Not regulated

OSHA Specifically Regulated Substances (29 CFR 1919.1001-1050): Not regulated

CERCLA Hazardous Substances List (40 CFR 302.4): Not Listed

SECTION 16: Other Information

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