

## DRAGON FRESH PURPLE SORBENT

### SECTION 1: Identification

**Product Identifier:** Sorbent (Purple)

**Other Means of Identification:** None

**Recommended Use:** Absorption of VOC and H<sub>2</sub>S 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%	Purple 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
Purple Sorbent	NA	NA	15 mg/M <sup>3</sup> (dust)	NA

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**Note:**

**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.

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**Hazardous Decomposition Products:** Oxides of carbon generated if burned.

### 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
Purple 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

Date of Latest Revision: January 25, 2021