

### MATERIAL SAFETY DATA SHEET (MSDS)

**DATE:** March 27<sup>th</sup>, 2023

**PRODUCT:** Coal

**IDENTIFICATION:** M/V VIGOROUS

#### **SECTION I: NAME AND PRODUCT**

PRODUCT: Coal

FORMULA: PCT per Analysis as Received

Total Moisture, wt.pct.	6,18
Ash, wt.pct.	6,67
Sulphur, wt.pct.	0,86
Gross Calorific Value (Btu/Lb)	13.070
Volatile Matter, % wt	32,54

#### **SECTION II: HAZARDOUS INGREDIENTS**

Unknown Hazardous Ingredients

#### **SECTION III: PHYSICAL DATA**

Physical State	: Solid
Appearance	: Black
Dimension – mm	: 0X50 mm

#### **SECTION IV: FIRE AND EXPLOSION HAZARD DATA**

Ignition Temperature Farenheid Degrees: above 734° F

### **SPECIAL FIRE FIGHTING PROCEDURES**

- Isolate the part of the pile.
- Proceed to extend the pile to lower the temperatura, and compact it to form another pile, so the air cannot get in.
- Not flood water when pile is getting fire.

### **UNUSUAL FIRE AND EXPLOSION HAZARDS**

If material is storaged during a long period of time, this could cause large piles to Heat up an ignit. If piles become hot, separate and extend them to get low temperaturas, compacting them again to avoid air entrance.

### **SPECIAL CAUTIONS**

For more information of this product, please refer to the Coal section of the last edition of IMSBC code published by IMO.

Best Regards,

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