

**MATERIAL SAFETY DATA SHEETS****PRODUCT AND COMPANY IDENTIFICATION**

Product Name : Cement Charcoal Briquettes  
Manufacturers : PT Satya Anandita Jaya  
Grand Wisata Festive Garden AG 5 No. 19 RT. 001 RW. 012  
Emergency Contact : 081216417929

**HAZARD IDENTIFICATION**

Classification of the substances or mixture according to CLP Regulation (EC) No. 1272/2008  
Not classified as hazardous substance or mixture  
Classification of the substances or mixture (Indonesian Ministry of Industry No 22/W—  
IND/PER/4/2012)  
Not classified as hazardous substance or mixture Label Elements  
Symbol: Not applicable



Signal Word Not applicable Hazard Statements

**MATERIAL SAFETY DATA SHEETS****COMPOSITION INFORMATION**

Test Parameter	Results
Test Parameter	6.6
Moisture in Analysis	6.5
Ash Content	1.6
Volatile Matter	13.9
Fixed Carbon	78.0
Total Sulfur	0.18
Gross Calorific Value	6710
Gross Calorific Value	6703

**FIRST AID MEASURES**

- Ingestion** : DO NOT induce vomiting, rinse mouth thoroughly with water. Give a glass of Water to dilute material in the stomach. If symptoms develop seek medical advice or contact the Poisons Information Centre. Never give anything by mouth to an unconscious person.
- Eye** : Immediately irrigate with lukewarm, gently flowing water for a few minutes holding the eyelids open. Take care not to rinse contaminated water into the non-affected eye. If irritation persists, obtain medical attention without delay. Skilled personnel should only undertake removal of contact lenses.
- Skin** : If symptoms develop immediately wash contaminated area with plenty of lukewarm water. Discontinue use and seek medical advice.

**FIRE FIGHTING MEASURES**

- Flash Point** : Not Applicable
- Extinguishing Media** : Dry Chemical, Carbon Dioxide, Halon, Water Spray
- Special Firefighting Procedure** : None
- Unusual Fire & Explosion Hazards** : Manage bulk quantities to eliminate flammable air-dust mixtures keep free ignition source
- Hazards Thermal Decomposition Products** : Not Applicable

**MATERIAL SAFETY DATA SHEETS****ACCIDENTAL RELEASE MEASURES**

Method for Cleaning Up : Clean spills promptly to prevent slip / fall hazard. Remove sources of ignition in dusty conditions. sweep spilled material into containers for proper disposal

**HANDLING AND STORAGE**

Safe Handling : Not Applicable  
RequirementsForStorage/areasAndContainers : Store in dry storage area. Keep away from ignition sources

**EXPOSURE CONTROL**

Eye : Safety Glasses should be worn  
Skin : Gloves & aprons should be worn  
Respiratory : Use adequate ventilation or NIOSH- approved respiratory devices  
Other : Evaluate need based on application

**PHYSICAL AND CHEMICAL PROPERTY**

Physical State : Cube  
Color : Black  
Odor : none  
pH : 5.0 - 10.0  
Vapor Pressure (mmHg) : Not Applicable  
Vapor Density (AIR=1) : Not Applicable  
Boiling Point (8060 mmHg) : Not Applicable  
Melting Point : Not Applicable  
Specific Gravity (RT=1) : 1.8-2.1 g/cc  
Evaporation Rate : Not Applicable  
Solubility in Water : Insoluble  
Water Reactive : No

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Revision : 001

Ref Number : SDS-005-CM0 (EN)

**MATERIAL SAFETY DATA SHEETS****STABILITY AND REACTIVITY**

Stability	: Stable under normal condition
Incompatibility	: StrongOxidants
Hazardous Decomposition or ByProducts :	: None
Condition to Avoid	: None
Hazardous Polymerization	: Will Not Occur

**ECOLOGICAL INFORMATION**

Not Applicable

**TOXICOLOGICAL INFORMATION**

Sign and Symptoms of Exposure	: Eye, gastrointestinal irritation
Medical Condition Generally	: None
Aggravate by Exposure :	
Irritancy : Oral	: Irritation and Coughing
Skin	: Possible Skin Irritant upon prolonge exposure
Eyes	: Will cause eyes irritation
Inhalation	: Irritation and Coughing

**DISPOSAL CONSIDERATIONS**

Disposal Method : Material is not considered hazardous under federal regulations.  
Dispose in accordance with state and local regulations

**MATERIAL SAFETY DATA SHEETS****TRANSPORT INFORMATION****Air :**

Not regulated as a hazardous material by the U.S. Department of Transportation. Not listed as a hazardous material in Indonesian Transportation of Dangerous Goods (TDG) regulations. Not regulated as a hazardous material by IATA regulations concerning the transport of hazardous materials

**Ocean :**

Not regulated as a hazardous material by the U.S. Department of Transportation. Not listed as a hazardous material in Indonesian Transportation of Dangerous Goods (TDG) regulations. Not regulated as a hazardous material by IMDG regulations concerning the transport of hazardous materials

**Land :**

Not regulated as a hazardous material by the U.S. Department of Transportation. Not listed as a hazardous material in Indonesian Transportation of Dangerous Goods (TDG) regulations. Not regulated as a hazardous material by IMDG regulations concerning the transport of hazardous materials

**REGULATORY INFORMATION**

LMH No. 68 Tahun 2016

Permen LH No. 3 Tahun 2008

DM-PPG -3-2001-PP 74 Tahun 2008

Permen Perin No. 87 Tahun 2009

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**MATERIAL SAFETY DATA SHEETS****ADDITIONAL INFORMATION**

**ACGIH** — American Conference of Governmental Industrial Hygienists  
**ADR/RID** — European Agreements Concerning the International Carriage of Dangerous Goods by Road/ by Rail  
**CAS** — Chemical Abstract Service  
**CEMCLA** — Comprehensive Emergency Response and Comprehensive Liability  
**Act CFR** — Code of Federal Regulations  
**DOT** — Department of Transportation  
**EPA** — Environmental Protection Agency  
**IATA** — International Air Transport Association  
**IARC** — International Agency for Research on Cancer  
**IMDG** — International Maritime Dangerous Goods  
**NIOSH** — National Institute of Occupational Safety and Health  
**OSHA** — Occupational Safety and Health Administration  
**PEL** — Permissible Exposure Limit  
**RCRA** — Resource Conservation and Recovery Act  
**REL** — Recommended Exposure Limit  
**SDS** — Supplement Amendments and Reauthorization Act  
**TLV** — Threshold Limit Value

This Safety Data Sheet (SDS) was prepared according to Globally Harmonized System of Classification and Labeling (GHS) 4th Revised Edition. The information provided in this Safety Data Sheet (SDS) is according to the best of our knowledge, information sources and belief at the date of its publication. The information given designed only as a guidance for safe handling, use, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated. Use of products that are not in accordance with Safety Data Sheet (SDS) or in combination with any other product or process is the responsibility of the user.

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**AUTHORIZED IDENTITY**

Authorized by



Syahda Maulana T

Certificate No : 0126//TRB-651/III-01

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