

## MATERIAL SAFETY DATA SHEETS

### PRODUCT AND COMPANY IDENTIFICATION

Product Name : Coconut Charcoal Briquettes

Manufacturer : PT Satya Anandita Jaya  
Grand Wisata Festive Garden AG 5 No. 19 RT. 001 RW. 013

Emergency Contact : 081316417939

### 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 23/M---  
IND/PER/4/2013)

Not classified as hazardous substance or mixture Label Elements

Symbol: Not applicable



Signal Word: Not applicable Hazard Statements

SDS Number : 20012022-SDS-002  
Revision : 001  
Ref Number : SDS-005-CMO(EN)

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### COMPOSITION INFORMATION

Test Parameter	Results
Test Parameter	6.6
Moisture in Analysis	6.5
Ash Content	1.6
Volatile Malter	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

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### ACCIDENTAL RELEASE MEASURES

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

### HANDLING AND STORAGE

Safe Handling : Not Applicable  
RequirementsForStorageAreasAndContainers : 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 Pont (@760 mmHg) : Not Applicable  
Melting Point : Not Applicable  
Specific Gravity (H2O=1) : 1.8-2.1 g/cc  
Evaporation Rate : Not Applicable  
Solubility in Water : Insoluble  
Water Rective : No

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### STABILITY AND REACTIVITY

Stability : Stable under normal condition  
Incompatibility : Strong Oxidants  
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 prolonged exposure  
Eyes : Will cause eye 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

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### 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

LHK No. 68 Tahun 2016  
Permen LH No. 3 Tahun 2008  
IND-PPU -3-2001-PP 74 Tahun 2008  
Permen Perin No. 87 Tahun 2009

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### 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  
CERCLA — 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  
SARA — Superfund 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, literature 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//TRN-SSI/III-21

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