

Material Safety Data Sheet

Log Briquette

1. Product and Company Identification

- a. Product Name: Log Briquette / Log Briquette Charcoal
- b. Company: Thaan, LLC
- c. Address: 5816 NE Wygant ST
Portland, OR 97218
- d. Telephone Number: 1 (503) 898-0553
- e. Recommended Uses: Heating, Burning

2. Composition

- a. Carbon (CAS Number: 16291-96-6, EINECS #: 240-383-3)

3. Hazard Identification

The primary concerns for occupational exposure are skin contact and inhalation in the form of dust. The dust may cause eye irritation, slight skin irritation, and possible respiratory tract irritation that can cause coughing or sneezing.

- a. EMERGENCY OVERVIEW: The following comments refer to the dust, not the Briquette. Contact with dust will irritate the eyes and the respiratory tract. Avoid strong oxidizing agents.
- b. POTENTIAL HEALTH EFFECTS:
 - ROUTES OF ENTRY: Eye contact and inhalation.
 - TARGET ORGANS: Eyes and respiratory system.
 - INHALATION: Overexposure to the dust from breakage may cause transitory upper respiratory irritation.
 - SKIN CONTACT: Is not a route of entry unless through open cuts and abrasions.
 - EYE CONTACT: Dust from the breakage may cause irritation to the eyes.
 - INGESTION: Not likely, if swallowed seek medical attention
 - MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: May cause upper respiratory irritation and sensitive eyes.
 - CARCINOGENICITY: Not listed by NTP or IARC. Not regulated as a carcinogen by OSHA.

4. First Aid Procedure

- a. Ingestion:
If swallowed, do not induce vomiting unless advised by appropriate medical personnel, seek medical attention immediately.
- b. Eye:
In the case of dust in eye, hold eye open and flush eyes continuously with water for at least 15 minutes, seek medical attention if no relief.
- c. Skin:
Gently wash skin with soap and running water.

- d. Inhalation:
to an area free from risk of further exposure, intentional sneezing or coughing can provide comfort. No adverse effects anticipated by this route of exposure incidental to proper handling.

5. Fire Fighting Procedures

- a. Flash Point: N/A
- b. Ignition Temperature: > 400 C
- c. Suitable Extinguishing Media:

Foam, Dry Chemical, Carbon Dioxide, Water Fog

- d. Flammability:

Material will not burn readily unless exposed to flame. Do not expose to ignition sources. Observe local fire restrictions.

- e. Exposure Hazard:

When burned, hazardous products of combustions including oxides of carbon can occur. Compressed log briquettes do not present an explosion hazard. Excessive wood dust created by handling the log briquettes may present an explosion if a dust cloud contacts an ignition source. Compressed briquettes or wood dust may also smoulder for extended periods of time before ignition takes place.

6. Accidental Release Procedures

- a. Leak or Spill:

When leaks or spills occur, clean up in a fashion that does not dissipate dust into air. Manage in accordance with good industrial hygiene, and safety practices such as avoiding unnecessary exposure and removal of material from skin, clothing and eyes.

7. Storage and Handling

- a. Storage:

Product shall be stored in sealed containers in dry, well ventilated area away from strong oxidizers (chlorine, permanganate and ozone, etc.) ignition source, combustible materials, and heat.

- b. Handling:

Avoid contact with eyes and skin. Avoid scattering of dust into air and breathing of dust. Keep containers dry and closed. Wash skin thoroughly after handling.

8. Exposure Control/Individual Protection

- a. Respiratory protection:

Where airborne exposure is probable, use NIOSH approved respiratory protection equipment suitable to the material

b. Skin Protection:

Wear appropriate dust resistant clothing. Wash clothes and related equipment before reuse. Completely wash skin after handling. Wear gloves and long sleeves shirts to prevent long term exposure.

c. Eye Protection:

Safety glasses with side panels are required for any form of handling. Provide an eye flushing station nearby.

9. Physical and Chemical Properties a.

Boiling Point, C: N/A

b. Specific Gravity: 0.8-2.1

c. Vapour Pressure (20 Degrees Celsius): N/A

d. Vapour Density: N/A

e. Evaporation Rate: N/A

f. Odour: None

g. Freezing Point, C: N/A

h. Solubility in Water: Insoluble

i. Appearance: Dark Brown – Black Solids

j. pH: 2.5 – 10

10. Stability and Reactivity

Hazardous Decomposition:

Oxides of carbon (CO & CO₂).

Hazardous Polymerization:

Does not occur.

Stability:

Compressed Wood Briquette is determined stable under the outlined conditions of storage, shipment and use.

Incompatibility:

Rapid combustion is possible when in contact with strong oxidizers such as ozone, liquid oxygen, chlorine, etc.

11. Toxicological Information

Eyes: Not an eye irritant other than dust

Skin: Not a primary skin irritant, sensitizing or corrosive agent

Inhalation: Not established Ingestion:

Oral LD₅₀ >5g/kg (rats) Subchronic

Effects: Not established Teratology (Birth

defects): Not established

Mutagenicity (Genetic effects): Not established

12. Ecological Information

Because this material is a relatively inert substance and is insoluble in water, it is not expected to pose significant ecological hazards. The environmental persistence of this material would be primarily based on its physical form, that is, fine particles of this material could be dispersed in the environment by wind and water, while large particles would persist with little dispersion.

13. Disposal Considerations

Recover, reclaim or recycle when practical. Not classified as hazardous waste. This material is solid with dust from breakage, wear dust mask or dust respirator and remove the solid material. Dispose according to the regulations of local, state and Federal regulatory agencies.

14. Transport Regulations

DOT Name	Not regulated by DOT
DOT Hazard Class / Packing Group	NA
UN Number	NA

Note: Carbon pass the test for self-heating substances as reflected in the United Nations Recommendations on the Transport of dangerous Goods, manual of Tests and Criteria (see 33.3.1.3.3) and is not considered spontaneously combustible. Therefore, the provisions for shipping activated carbon, class 4.2, in the IATA, ICAO, and IMDG Code publications do not apply to shipments of this material.

15. Regulatory Information

- a. Australia Hazchem Code: None allocated
- b. Poisons Schedule: None allocated
- c. OSHA STATUS: This product is not hazardous under the OSHA criteria.
- d. TSCA STATUS: Not listed.
- e. CERCLA REPORTABLE QUANTITY: Not regulated under CERCLA.
- f. CALIFORNIA PROPOSITION 65: Not regulated under California Proposition 65.
- g. SARA HAZARD NOTIFICATION/REPORTING
 - IMMEDIATE: Y
 - FIRE: N
 - SUDDEN RELEASE OF PRESSURE: N
 - DELAYED: N
 - REACTIVE: N
- h. SARA TITLE III: None.
 - SECTION 302 EXTREMELY HAZARDOUS: None.
 - SECTION 311/312 HAZARD CATEGORIES: None.
 - SECTION 313 TOXIC CHEMICALS: None.
- i. RCRA STATUS: Not regulated under RCRA
- j. Right to Know; Product is not listed

16. Other Information

This information is based on our current level of knowledge and related to the product in the state in which it is delivered. It is intended to describe our products from the point of the view of safety requirements and is not intended to guarantee any particular properties. Sangnamsong Co., Ltd. believes that the information in this document is accurate as of the date issued and is offered in good faith, but without warranty or representation. Since some

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