

## **MATERIAL SAFETY DATA SHEET: WOOD PELLETS**

### **STATEMENT OF HAZARDOUS NATURE**

PRODUCT NAMES: Wood Pellet Fuel

OTHER NAMES: Nil

UN NUMBER: No UN Number allocated

HAZCHEM CODE: No Hazchem Code allocated

USE For Use in Pellet Burning Appliances

### **PHYSICAL DESCRIPTION / PROPERTIES**

APPEARANCE / FORM: Pelletised cellulose material

COLOUR: Tan

ODOUR: Slight wood scent

BOILING / MELTING POINT: Not applicable

VAPOUR PRESSURE: Not applicable

SPECIFIC GRAVITY: Variable (<0.6)

FLASH POINT: Not relevant

FLAMMABILITY LIMITS: Not determined

SOLUBILITY IN WATER: Insoluble

### **OTHER PROPERTIES**

SHOCK SENSITIVITY: Nil

OXIDIZING PROPERTIES: Nil

CORROSIVENESS: Nil

REACTIVITY WITH COMMON

SUBSTANCES: None known

AUTOIGNITION PROPERTIES: None known

EVAPORATION RATE: Not applicable

ODOUR THRESHOLD: Not determined

pH AT 100%: Neutral (pH7)

BIO DEGRADABILITY: 100%

PERCENTAGE VOLATILES: Nil

VOLATILE ORGANIC COMPOUNDS: Nil

### **HEALTH HAZARD INFORMATION**

#### **Acute Effects.**

Injury in the form of mechanical abrasion to the skin, eyes or respiratory system is possible.

**Swallowed:** No evidence for humans of any acute effects should the product be swallowed.

**Inhaled:** Nominal exposure to dust represents very little danger to healthy individuals however best practise is to prevent airborne dust wherever possible. Dust particles may compromise the respiratory

system in individuals who have respiratory conditions. The likely danger is mechanical abrasion or blockages to mucous membranes.

**Skin contact:** May cause mild irritation to sensitive or damaged skin through mechanical abrasion.

**Eye contact:** May cause mild irritation & redness through mechanical abrasion.

#### **FIRST AID**

**Swallowed:** Rinse mouth thoroughly with water. Do not induce vomiting.

**Inhaled:** Remove to fresh air or ventilated area if required.

**Skin contact:** Remove contaminated clothes and rinse thoroughly with water.

**Eye contact:** Flush with copious quantities of water for at least 15 minutes. Seek medical attention if required.

#### **PRECAUTIONS FOR USE**

**Ventilation:** Local exhaust or normal room ventilation.

**Engineering / processing controls:** Ensure adequate ventilation is provided.

**Personal Protection:** Gloves not required.

**Eye contact:** Goggles recommended in areas where dust may be a problem (for example high wind).

**Respirator type:** Recommended in areas where dust may be a problem or in cases in which the user may be asthmatic or have a respiratory condition. Dust mask (EN 149FFP2 or above).

**Flammability Precautions:** This product is combustible but is difficult to ignite. It will only sustain

combustion in instances of continuous thermal attack. Extinguish using media appropriate to the cause of the surrounding fire.

#### **PRECAUTIONS FOR SAFE HANDLING**

**Reactivity:** None known. This product is not suitable for use on products that are considered strong oxidisers, alkalis or acids.

**Other:** Protection from weather. Store in temperatures of between 0-45 degrees Celsius. Keep dry.

**Transport:** No special transport requirements.

**Spillage and leakage procedures:** Material is biodegradable and may be incinerated. Sweep up spilled material.

**Waste Disposal:** This material must be disposed of in accordance with local regulations taking into consideration any absorbed material it may contain.

**Fire / Explosive Hazard:** Treat in the same manner as any combustible cellulose material.

Extinguish by Water, spray or foam.

**Tripping hazard:** Loose pellets and dust accumulation can present a trip or slip hazard.

#### **INGREDIENTS**

**Chemical Name:** Contains cellulose materials.

**Cas No:** Nil.

#### **OTHER NOTES**

Information contained in this Material Safety Data Sheet is based on currently available information. Every care has been taken to ensure its completeness on the information presented.

Any material may present health hazards that are not known at the time of preparation of this advice.

As such the final determination of a product's suitability, for a given purpose, is the sole responsibility

of the end user.