

1. IDENTIFICATION: PRODUCT AND COMPANY IDENTIFICATION

Product Name: AWF BFM PLUS Bonded Fibre Matrix

CAS Number: Mixture

Product Use: Erosion control and vegetation establishment mulch for hydraulic seeding and soil stabilisation.

Product Description: Hydraulically applied mulch with a specially formulated composition of renewable natural fibres for fibre matrix entanglement, and proprietary binder.

Company Identification: Australian Wood Fibre Pty Ltd
 36 Masterpanel Lane, Bundamba, Queensland 4304, AUSTRALIA.
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2. HAZARD IDENTIFICATION

CLASSIFIED AS NON-HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA

EMERGENCY OVERVIEW

**CAUTION! THIS PRODUCT MAY BE COMBUSTIBLE IF EXPOSED TO TEMPERATURES OVER 180°F.
 DUST FROM THIS PRODUCT MAY IRRITATE SKIN, EYES AND UPPER RESPIRATORY SYSTEM.**

POTENTIAL HEALTH EFFECTS

ROUTES OF ENTRY: Inhalation, eye contact, and skin contact.

TARGET ORGANS: Respiratory System.

INHALATION: Occasional mild irritation of nose and throat may occur from inhalation of dusts at levels greater than 10 mg/m³.

INGESTION: Not a normal route of entry. Small amounts swallowed are not likely to cause effects; swallowing larger amounts may cause gastrointestinal symptoms.

H315 SKIN CONTACT: natural fibre dust may cause mild mechanical irritation to skin.

EYE CONTACT: natural fibre dust may cause mild mechanical irritation to eyes.

CHRONIC EXPOSURE: None known.

AGGRAVATION OF PRE-EXISTING CONDITIONS: Individuals with pre-existing respiratory disorders may aggravate the condition by inhalation of dust.

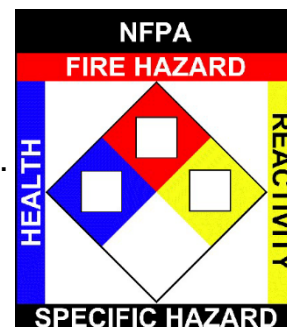
3. COMPOSITION / INFORMATION ON INGREDIENTS

CONTAINING: HAZARDOUS AND/OR REGULATED COMPONENTS

Ingredients	Percentage	Hazard
Heat & Mechanically Treated – Natural fibres	80-88.0%	Non-Hazardous
Moisture	10.0%	Non-Hazardous
Proprietary Tackifiers	2-10.0%	Non-Hazardous

This product is not considered hazardous under the criteria of SAFE Work Australia. California Prop 65: This product does not contain an ingredient(s), above the safe harbor limits, which are known to the state of California to cause cancer, birth defects, or other reproductive harm.

NFPA: Health = 1, Fire = 1, Reactivity = 0, Specific Hazard = n/a



4. FIRST AID MEASURES

INHALATION FIRST AID: Prolonged exposure to dust levels in excess of regulatory limits should always be avoided. If irritation or difficulty breathing occurs, remove victim to fresh air and provide oxygen if necessary. If not breathing, get medical attention.

SKIN CONTACT FIRST AID: Wash with soap and water after handling.

EYE CONTACT FIRST AID: If contact with eyes, flush with fresh water for several minutes. If irritation persists seek medical attention.

INGESTION FIRST AID: If swallowed, rinse mouth with water and give four glasses of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if needed.

NOTE TO PHYSICIANS: Treat symptoms.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES: Combustible.

AUTO IGNITION TEMPERATURE: No data.

FLASH POINT: No applicable.

EXTINGUISHING MEDIA: Water or other standard media. Same as a wood or straw fire.

FIRE & EXPLOSION HAZARDS: May be combustible above 180°F.

SPECIAL INFORMATION:

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

SPILL CLEAN-UP PROCEDURES:

Vacuum, shovel or sweep up mulch and place in containers for reuse, recycling or disposal. Always dispose of waste materials in accordance with all local, state and federal regulations. Wet product will be slippery.

7. HANDLING AND STORAGE

RECOMMENDED STORAGE CONDITIONS: Store in a cool, dry well-ventilated location away from heat or ignition sources. Insure packaging is in good condition for outside storage.

HANDLING (PERSONNEL): Handle in accordance with good industrial hygiene and safety practices.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

AIRBORNE EXPOSURE LIMITS: See Section 3 above.

Dust:

-OSHA Permissible Exposure Limit (PEL): 10 mg/m³ (TWA)

VENTILATION SYSTEM: A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits.

PERSONAL RESPIRATORS (NIOSH APPROVED): Required if the exposure limit is exceeded or engineering controls are not feasible. Always use a NIOSH approved respirator. A fabric respirator or a face piece respirator with dust cartridges will generally provide adequate protection.

SKIN PROTECTION: Wear gloves of leather, plastic, or rubber when loading tanks.

EYE PROTECTION: Wear safety glasses in high dust areas or when filling tanks.

GOOD HYGIENE CONDITIONS: Wash with soap and water before meals and at the end of each work shift. Good practices require amounts of any chemical be removed from the skin as soon as practical, especially before eating or smoking.

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM: Dyed fibres

ODOR: Negligible mild wood odour

COLOUR: Green

SPECIFIC GRAVITY: NE (Water =1)

AUTO IGNITION TEMPERATURE: Not Established

pH: 6.80

10. STABILITY AND REACTIVITY

STABILITY: Stable under ordinary conditions of use and storage.

CONDITIONS TO AVOID: Heat, flame ignition sources.

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITY WITH OTHER MATERIALS: None.

HAZARDOUS DECOMPOSITION: None.

11. TOXICOLOGICAL INFORMATION

Toxicological Data:

No Data Available may cause dermatitis in sensitive people (rare)

Cancer Lists ---NTP Carcinogen---

<u>Ingredient</u>	<u>Known</u>	<u>Anticipated</u>	<u>IARC Category</u>
All ingredients	No	No	None

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE: This material is expected to have a low environmental impact.

ENVIRONMENTAL TOXICITY: This material is not expected to be toxic to aquatic life.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

Recover, reclaim or recycle when practical.

Dispose of material in accordance with federal, state and local requirements.

14. TRANSPORTATION INFORMATION

This Product is not regulated by the Australian Department of Transportation.

15. REGULATORY INFORMATION

Component (CAS#) [%] - CODES

Hydrocolloidal Based Polysaccharide Tackifier (0) [Proprietary]

Guar Gum (9000300) [Proprietary] TSCA

Regulatory CODE Descriptions

TSCA = Toxic Substances Control Act

COMPONENT / (CAS/PERC) / CODES

*Guar gum (9000300 n/a%) TSCA

NFPA Ratings: Health: **2** Flammability: **0** Reactivity: **0**

16. OTHER INFORMATION

ADDITIONAL INFORMATION:

The data in this Safety Data Sheet relates only to the specific material designated herein. It does not relate to use in combination with any other material or in any process.

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.