

| Section 1 - CHEMICAL, PRODUCT AND COMPANY IDENTIFICATION  |  |
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| <b>Manufacturer Information</b><br><b>American Excelsior Company</b><br>P.O. Box 391<br>Rice Lake, WI 54868<br>Office Phone #: (715) 234-6861 | <b>Corporate Office</b><br><b>American Excelsior Company</b><br>850 Avenue H East<br>Arlington, TX 76011<br>Office Phone #: (817) 385-3500 |
| <b>Chemical Name:</b> Mixture<br><b>Synonyms:</b> None<br><b>Internal Product Codes:</b> 32<br><b>Product Use:</b> Animal Bedding             | <b>MSDS Origination Date:</b> 03/26/96<br><b>Last Revision Date:</b> 03/01/10  |

| Section 2 - COMPOSITION / INFORMATION ON INGREDIENTS   |            |          |
|--|------------|----------|
| Components   | CAS Number | % Weight |
| Great Lakes Aspen  | N/A        | 100      |
| <b>Component Information/Information on Non-Hazardous Components</b><br>This product may be regulated, have exposure limits or other information identified as:<br>Wood Dust, All Soft and Hard Woods. |            |          |

| Section 3 - HAZARDS IDENTIFICATION  |   |
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| <b>Product Overview</b><br>Product is made up of wood fibers and is utilized in animal bedding applications. This product may contain wood dust. Inhalation of wood dusts may cause irritation and dryness of the respiratory tract. Repeated skin and inhalation exposure to wood dusts may produce allergic contact dermatitis and respiratory sensitization. |   |
| <b>Potential Health Effects</b>   |   |
| Eyes  | Exposure to dusts may cause mechanical eye irritation.  |
| Skin  | Handling of product may cause mechanical skin irritation. Repeated skin contact may cause an allergic skin sensitization reaction.  |
| Ingestion   | Ingestion of this product is unlikely. If ingestion does occur, it may produce gastric irritation and discomfort.   |
| Inhalation  | Inhalation of wood dusts may cause irritation and dryness of the respiratory system. Repeated inhalation exposure may cause an allergic respiratory sensitization reaction. Prolonged exposure to certain species of wood dusts has been associated with an increased risk of nasal cancers; however, no specific data concerning the type of wood used in this product could be located. |

#### Section 4 - FIRST AID MEASURES

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| <b>Eyes</b>               | In case of contact, flush eyes with water for 15 minutes. Obtain medical attention if irritation persists.  |
| <b>Skin</b>               | In case of contact, wash thoroughly with soap and large amounts of water. If irritation develops, get medical attention.                                  |
| <b>Ingestion</b>          | Due to the physical nature of this material, ingestion is unlikely to occur. If ingestion does occur, seek medical attention.                             |
| <b>Inhalation</b>         | If dusts from this product are inhaled, remove affected person to fresh air. If respiratory irritation or other symptoms develop, seek medical attention. |
| <b>Notes to Physician</b> | None.   |

#### Section 5 - FIRE FIGHTING MEASURES

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| <b>Flash Point</b>                          | : N/A  |
| <b>Method Used</b>                          | : N/A  |
| <b>Upper Flammable Limit (UFL)</b>          | : N/A  |
| <b>Lower Flammable Limit (LFL)</b>          | : N/A  |
| <b>Auto Ignition</b>                        | : N/A  |
| <b>Flammability Classification</b>          | : N/A  |
| <b>Rate of Burning</b>                      | : Moderate to rapid  |
| <b>General Fire Hazards</b>                 | Product will ignite upon exposure to ignition source.  |
| <b>Hazardous Combustion Products</b>        | Carbon monoxide, carbon dioxide, aldehydes, and various hydrocarbon fragments.   |
| <b>Extinguishing Media</b>                  | Water, dry chemical, or sand.  |
| <b>Fire Fighting Equipment/Instructions</b> | Fire fighters should wear full-face, self contained breathing apparatus and impervious protective clothing. Fire fighters should avoid inhaling any combustion products. |
| <b>NFPA Ratings:</b>                        | Health: 1, Fire: 1, Reactivity: 0, Other: 0  |
| <b>HMIS Ratings:</b>                        | Health: 1, Fire: 1, Reactivity: 0, Personal Protection: N/A  |

#### Section 6 - ACCIDENTAL RELEASE MEASURES

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| <b>Containment Procedures</b> | Contain by any means necessary.  |
| <b>Clean-Up Procedures</b>    | Wet area with water mist or spray to reduce dust generation and buildup. Vacuum or sweep up material as necessary. |
| <b>Evacuation Procedures</b>  | Keep unnecessary people out of area.   |
| <b>Special Instructions</b>   | Wear appropriate protective clothing during cleanup. Remove sources of ignition during cleanup.                    |

### Section 7 - HANDLING AND STORAGE

**Procedures for Handling** Keep dust generation and buildup to a minimum. Avoid inhaling dusts from this product. Remove all sources of ignition when handling this product.

**Recommended Storage Methods** Store in a cool, dry area away from moisture, excessive heat and sources of ignition.

### Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Exposure Guidelines

- A. General Product Information  
Keep formation of dusts to a minimum.
- B. Component Exposure Limits  
Wood Dust, All Soft and Hard Woods OSHA PEL: 5 mg/m<sup>3</sup> ; OSHA STEL: 10 mg/m<sup>3</sup>

**Engineering Controls:** Ventilation should be sufficient to effectively remove and prevent buildup of dusts while handling and applying this product. Use mechanical ventilation, as necessary.

#### Personal Protective Equipment

Eye/Face: Wear safety glasses, goggles, or other appropriate eye/face protection as needed.

Skin: Normal work clothing and appropriate gloves are recommended.

Respiratory: When ventilation is not sufficient to maintain dust levels below the PEL, appropriate NIOSH/MSHA approved respiratory protection must be provided.

General: None.

### Section 9 - PHYSICAL & CHEMICAL PROPERTIES

|                                |                            |
|--------------------------------|----------------------------|
| <b>Appearance:</b> Wood fibers | <b>Odor:</b> Mild          |
| <b>Physical State:</b> Solid   | <b>pH:</b> N/A             |
| <b>Vapor Pressure:</b> N/A     | <b>Vapor Density:</b> N/A  |
| <b>Boiling Point:</b> N/A      | <b>Freezing Point:</b> N/A |

### Section 10 - CHEMICAL STABILITY & REACTIVITY INFORMATION

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| <b>Chemical Stability:</b>               | Stable.  |
| <b>Conditions to Avoid:</b>              | Avoid excessive heat and ignition sources.                                     |
| <b>Incompatibility:</b>                  | Avoid contact with oxidizing agents and drying oils.                           |
| <b>Hazardous Decomposition Products:</b> | Carbon monoxide, carbon dioxide, aldehydes, and various hydrocarbon fragments. |
| <b>Hazardous Polymerization:</b>         | Hazardous polymerization will not occur.                                       |

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| <b>Section 11 - TOXICOLOGICAL INFORMATION</b> |
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| <b>Acute Toxicity/Target Organ Information</b>          |   |
| A.  | General Product/Component Information<br>Wood dusts are generally considered respiratory irritants and sensitizers. However, the ability of the dusts to cause sensitization reactions varies greatly with the species of wood.   |
| <b>Epidemiology</b> No data available for this product. |   |
| <b>Carcinogenicity</b>                                  |   |
| A.  | General Product/Component Information<br>There is some evidence that exposure to certain wood dusts may be associated with an increased risk of certain nasal cancers. However, that risk appears to vary greatly with the species of wood and the duration and extent of exposure. |
| B.  | Component Carcinogenicity Listings<br>Not listed by ACGIH, IARC, NIOSH, NTP or OSHA.  |
| <b>Reproductive Toxicity</b>                            | No data available for this product.   |
| <b>Neurotoxicity</b>                                    | No data available for this product.   |
| <b>Mutagenicity</b>                                     | No data available for this product.   |
| <b>Other Information</b>                                | No data available for this product.   |

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| <b>Section 12 - ECOLOGICAL INFORMATION</b> |
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| <b>Ecotoxicity</b>        | No data available for this product.                                  |
| <b>Environmental Fate</b> | 100% of product is composed of natural and biodegradable components. |

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| <b>Section 13 - DISPOSAL CONSIDERATIONS</b> |
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| <b>US EPA Waste Number &amp; Descriptions</b> |   |
| A.  | General Product Information<br>As shipped, not regulated as a hazardous waste.  |
| B.  | Component Waste Numbers<br>No EPA Waste Numbers are applicable for this product's components.                                 |
| <b>Disposal Instructions</b>                  | Dispose of waste material in accordance with all applicable Federal, State or provincial and local environmental regulations. |

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| <b>Section 14 - TRANSPORTATION INFORMATION</b> |
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|---|---------------------------------------|
| <b>DOT Information</b>  |                                       |
| Shipping Name:  | Not regulated as a hazardous material |
| Hazard Class:   | Not regulated                         |
| UN/NA #:  | Not regulated                         |
| Packing Group:  | Not regulated                         |
| <b>Label(s) Required</b>  | None                                  |
| <b>Additional Shipping Information</b>  | None                                  |
| <b>International Transportation Regulations</b> Not regulated as dangerous goods. |                                       |

**Section 15 - REGULATORY INFORMATION****US Federal Regulations**

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|----|-----------------------------|---|
| A. | General Product Information | N/A   |
| B. | Component Information       | None of this product's components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65) or CERCLA (40 CFR 302.4). |

**State Regulations**

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|----|-----------------------------|---|
| A. | General Product Information | N/A   |
| B. | Component Information       | None of this product's components are listed on the state lists from CA, FL, MA, MN, NJ, or PA. |

**Other Regulations**

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|----|-----------------------------|--|
| A. | General Product Information | N/A  |
| B. | Component Information       | None of the components are listed on the Canadian Controlled Product Ingredient Disclosure List. |

**Section 16 - OTHER INFORMATION**

As the conditions of methods of use are beyond our control, American Excelsior Company does not assume any responsibility and expressly disclaims any liability for use of this material. Information contained herein is believed to be true and accurate, but all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of this material, or the results to be obtained thereof. Compliance with all federal, state, provincial, and local laws and regulations remains the responsibility of the user.

**Key/Legend**

|                   |   |
|-------------------|---|
| ACGIH             | American Conference of Governmental Industrial Hygienists           |
| CERCLA            | Comprehensive Environment Response, Compensation, and Liability Act |
| CFR               | Code of Federal Regulations   |
| DOT               | Department of Transportation  |
| EPA               | Environmental Protection Agency                                     |
| HMIS              | Hazard Materials Information System                                 |
| IARC              | International Agency for Research Cancer                            |
| mg/m <sup>3</sup> | milligrams per cubic meter  |
| MSHA              | Mine Safety and Health Administration                               |
| N/A               | Not applicable or Not available                                     |
| NFPA              | National Fire Protection Association                                |
| NIOSH             | National Institute of Occupational Safety and Health                |
| NTP               | National Toxicology Program   |
| OSHA              | Occupational Safety and Health Administration                       |
| PEL               | Permissible Exposure Limit  |
| SARA              | Superfund Amendments and Reauthorization Act                        |
| STEL              | Short Term Exposure Limit   |

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