

MATERIAL SAFETY DATA SHEET

Wood Mulch

Section I - PRODUCT IDENTIFICATION

PRODUCT NAME AND SYNONYMS: Cypress Mulch, Cypress Rose, Cypress Royale, Pine Mulch, Pine Nuggets, Pine Mini-Nuggets, Pine Rustic Mulch, Hardwood Mulch, Recycled Mulch, Cedar Mulch, Cedar Royale
(NOTE: These products may be packaged in a variety of house or private labels)

CAS NAME AND NO.: N/A
CHEMICAL FAMILY: N/A
CHEMICAL FORMULA: N/A
MANUFACTURER'S NAME & ADDRESS: Mulch Manufacturing, Inc.
6747 Taylor Road S.W.
Reynoldsburg, OH 43068
EMERGENCY TELEPHONE NUMBER: (614)864-4004

Section II - HAZARDOUS INGREDIENTS

<u>COMPONENT</u>	<u>%(WT OR VOL)</u>	<u>ACCIH TWA</u>	<u>ACCIH STEL</u>	<u>OSHA PEL</u>
	100%	N/A	N/A	N/A

Section III - PHYSICAL PROPERTIES

APPEARANCE AND ODOR: Color varies with wood type, moisture content, age, and exposure to sun. It varies from light tan through black. It is composed of small pieces of wood varying in size from sawdust particles through pieces up to three to four inches in length.

MOLECULAR WEIGHT: N/A
BOILING POINT (DEGREES FAHRENHEIT): N/A
MELTING POINT (DEGREES FAHRENHEIT): N/A
VAPOR PRESSURE (MM OF MERCURY): N/A
SPECIFIC GRAVITY (WATER=1): N/A
VAPOR DENSITY (AIR=1): N/A
PERCENT VOLATILE (BY WEIGHT): N/A
pH: N/A
SOLUBILITY IN WATER: Insoluble
EVAPORATION RATE (BUTYL ACETATE=1): N/A

Section IV - FIRE AND EXPLOSION DATA

FLASH POINT: N/A

FIRE EXTINGUISHING MEDIA: Use water spray to wet down the mulch in the area of the flames and surrounding material to reduce the likelihood of spreading. Remove wet and burned material to open area after fire is out. Monitor area for at least 24 hours to insure fire does not restart.

FLAMMABLE LIMITS (PERCENT BY VOLUME): N/A

SPECIAL FIRE FIGHTING PROCEDURES & EQUIPMENT: N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

Section V - REACTIVE DATA

STABILITY: Stable

CONDITIONS TO AVOID: N/A

INCOMPATIBILITY (MATERIALS TO AVOID): Oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal-oxidative degradation of wood produces irritating and toxic fumes and gases, including CO, aldehydes and organic acids.

HAZARDOUS POLYMERIZATION: Will not occur

Section VI - HEALTH HAZARD INFORMATION

EFFECTS OF OVEREXPOSURE: Repeated and prolonged exposures to certain wood products can produce allergenic responses in a few sensitive individuals. Avoid repeated and prolonged contact with the skin, which can cause allergenic responses. If allergy, such as dermatitis, asthma, or bronchitis develops, it may be necessary to remove the sensitized worker from further exposure to the product.

PROBABLE ROUTES OF EXPOSURE: Skin contact

EMERGENCY AND FIRST AID PROCEDURES:

INGESTION: N/A

INHALATION: Remove to fresh air. If persistent irritation, severe coughing, breathing difficulties, or rash occur, get medical advice before returning to work with the product.

EYE CONTACT: Flush with water to remove particles from the eye. If irritation persists, get medical attention.

SKIN CONTACT: If a rash or persistent irritation or dermatitis occur, get medical advice before returning to work with the product.

Section VII - TOXICITY DATA

ORAL: N/A

DERMAL: The chronic effect of skin contact are not fully known and may vary from one individual to another.

INHALATION: N/A

CARCINOGENICITY: Not listed as a carcinogen by IARC, NTP, ACGIH or OSHA

OTHER PERTINENT DATA: N/A

Section VIII - SPECIAL PROTECTION INFORMATION

PERSONAL PROTECTIVE EQUIPMENT

PROTECTIVE GLOVES: Recommended for sensitive individuals

EYE PROTECTION: Safety glasses

RESPIRATORY PROTECTION: Approved dust respirator in dusty conditions

OTHER PROTECTIVE EQUIPMENT: Recommend the use of clean body covering work clothing to reduce exposure to skin.

VENTILATION

LOCAL EXHAUST: To meet TLV requirements

MECHANICAL: N/A

SPECIAL: N/A

OTHER: N/A

Section IX - SPILL, LEAK AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Sweep up or vacuum up spills for recovery or disposal, avoiding dusty conditions. Provide good ventilation. Place recovered wood dust in a covered metal container for disposal.

WASTE DISPOSAL METHODS: Dispose in a landfill or incinerate.

CLEAN WATER ACT REQUIREMENTS: N/A

RESOURCE CONSERVATION AND RECOVERY ACT (RCMA) REQ.: N/A

Section X - REGULATORY INFORMATION

FDA: N/A

USDA: USDA self-certification (9 CFR 317.20); is FDA approved

CPSC: N/A

TSCA: Not listed in TSCA inventory

DOT: PROPER SHIPPING NAME: Wood Mulch

HAZARDOUS CLASS: ORM-C

LABEL REQUIRED: None

IDENTIFICATION NUMBER: None

OTHER PERTINENT INFORMATION: Keep clean, dry & free from oil.

Section XI - SPECIAL PRECAUTIONS AND COMMENTS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Avoid hot, humid storage with no air circulation or contact with drying oils. Follow good housekeeping practices, clean up areas where mulch accumulates to avoid excessive accumulation of this combustible material. Follow good hygienic practices. wash frequently and wear clean work clothing.

OTHER PRECAUTIONS: N/A

REGISTRATIONS/CERTIFICATIONS: N/A

EFFECTIVE DATE: 05/01/89 SUPERSEDES: N/A

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