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Rec'd 06-28-01  
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**ACTIVA PRODUCTS, INC.**  
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WESTFORD, MA 01886  
PHONE: (978) 692-9300

THIS MSDS COMPLIES WITH 29 CFR 1910.1200 (THE HAZARD COMMUNICATION STANDARD)

DATE: January 2001  
PRODUCT NAME: Beeswax

**SECTION I - PRODUCT IDENTIFICATION**

CAS—Number 8012-89-3

Trade Names/Synonyms: White Beeswax, Natural Beeswax, and Color Beeswax

Chemical Family:  
Ester, Carboxylic, Aliphatic

Circa Rating (Scale 0-3): Health-0 Fire-0 Reactivity-0 Persistence-0

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**SECTION II - COMPONENTS**

- 16% Hydro carbons
- 31% Straight chain Monohydric Alcohol
- 3% Diols
- 31% Acids
- 13% Hydroxy acids
- 6% ither including propolis pigments and unidentified

EXPOSURE LIMITS: None Established

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**SECTION III - PHYSICAL DATA**

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Description: Yellow to brownish-yellow, soft to brittle wax with a honey and balsamic taste.

MELTING POINT: 62-65°C.

SPECIFIC GRAVITY: .95

SOLUBILITY IN WATER: Insoluble

SOLVENT SOLUBILITY: Chloroform, ether, fixed or volatile oils, partly soluble in benzene and carbon disulfide.

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**SECTION IV - FIRE AND EXPLOSION DATA**

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**FIRE AND EXPLOSION HAZARD:** Fire hazard when exposed to heat or Flame

**FLASH POINT:** 470°F. Cleveland open cup (ASTM D-92)

**AUTOIGNITION TEMP.** 520°F

**FIREFIGHTING MEDIA:** Dry chemical, carbon dioxide, water spray or foam (1984 emergency response guidebook, DOT P 5800.3)

**UNUSUAL HAZARDS:** Do not mix or store with strong oxidants

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**SECTION V - TOXICITY**

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**CARCINOGEN STATUS:** None

Beeswax in a general purpose food additive which may be a mild allergen. No health effects have been reported in humans.

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**SECTION VI- HEALTH EFFECTS AND FIRST AID**

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**INHALATION****ACUTE EXPOSURE** - No known hazard for cool material**CHRONIC EXPOSURE** - Possible smoke or fume inhalation from overheated or burning material**FIRST AID**

- Remove person from exposed area to fresh air. If breathing has stopped, give artificial respiration. Keep person warm. Get medical attention.

**SKIN CONTACT****ACUTE EXPOSURE** - No known hazard for cold material**CHRONIC EXPOSURE** - Possible skin burns from hot or Overheated material.**FIRST AID**

- If hot material contacts skin, cool as rapidly as possible with water. Do not attempt to remove. Seek medical aid immediately.

**EYE CONTACT****ACUTE EXPOSURE** - Cold material may be irritant as a foreign object. Hot material will cause burns.**INGESTION:****ACUTE EXPOSURE** - No effects have been reported to humans**FIRST AID**

- If victim is conscious, immediately give 2-4 glasses of water. Induce vomiting by touching finger to back of throat. Get medical attention immediately.

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**SECTION VII – REACTIVITY**

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**REACTIVITY:**

Stable under normal temperatures and pressures.

**INCOMPATIBILITIES:**

Avoid strong oxidants

**DECOMPOSITION PRODUCTS:**

None known

**POLYMERIZATION:**

Not known to occur

**CONDITIONS TO AVOID:**

Avoid strong oxidants

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**SECTION VIII – DISPOSAL SPILL AND LEAK PROCEDURES**

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**AQUATIC TOXICITY** - No data**WASTE DISPOSAL METHOD** – Sweep up spilled material and place in suitable container for recycling or disposal. Consult an expert on disposal of recovered material. Allow hot material to cool with water. When cool, dispose as previously instructed.**NEUTRALIZING CHEMICALS** - N/A**CHRONIC EXPOSURE** - No data available**FIRST AID** - Wash eyes with water immediately. Remove contact lenses if possible. Consult a physician immediately. If hot material gets in eyes, cool with water and consult a physician immediately.

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SKIN ABSORPTION

- No information

GLOVES:

Not required for cold material. Use rubber or plastic covered gloves to handle hot material.

EYE PROTECTION:

Employees must wear splash-proof or dust-resistant safety to prevent eye contact with this substance.