



**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

**COMPANY NAME:** McKinley Resources, Inc.  
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**PRODUCT NAME:** Octyl Methoxycinnamate  
**INCI NAME:** Ethylhexyl Methoxycinnamate  
**SYNONYMS:** 2-ETHYLHEXYL-P-METHOXYCINNAMATE  
**CAS NUMBER:** 5466-77-3  
**EINECS NUMBER:** 226-775-7  
**ISSUE DATE:** JANUARY 29, 2010

**SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS**

**COMPOSITION:**

NAME	CAS#	%WT.
OCTYL METHOXYCINNAMATE	5466-77-3	100

**SECTION 3. HAZARDS IDENTIFICATION**

**POTENTIAL ACUTE HEALTH HAZARDS:** SLIGHTLY HAZARDOUS IN CASE OF SKIN CONTACT (IRRITANT, PERMEATOR), OF EYE CONTACT (IRRITANT), OF INGESTION, OF INHALATION.

**POTENTIAL CHRONIC HEALTH HAZARDS:**

**CARCINOGENIC EFFECTS:** NO DATA AVAILABLE  
**MUTAGENIC EFFECTS:** NO DATA AVAILABLE  
**TERATOGENIC EFFECTS:** NO DATA AVAILABLE  
**DEVELOPMENTAL TOXICITY:** NO DATA AVAILABLE

REPEATED OR PROLONGED EXPOSURE IS NOT KNOWN TO AGGRAVATE MEDICAL CONDITION.

**SECTION 4. FIRST AID MEASURES**

**EYE CONTACT:** CHECK FOR AND REMOVE ANY CONTACT LENSES. FLUSH EYES WITH COPIOUS AMOUNTS OF WATER FOR 15 MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION OCCURS.

**SKIN CONTACT:** WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS.

**INHALATION:** REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN. SEEK MEDICAL ATTENTION IF SYMPTOMS PERSIST.



**INGESTION:** DO NOT INDUCE VOMITING UNLESS DIRECTED TO DO SO BY MEDICAL PERSONNEL. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. IF LARGE QUANTITIES OF THIS MATERIAL ARE SWALLOWED, CALL A PHYSICIAN IMMEDIATELY. IF GASTROINTESTINAL SYMPTOMS DEVELOP SEEK MEDICAL ATTENTION.

#### **SECTION 5. FIRE AND EXPLOSION DATA**

**FLAMMABILITY OF THE PRODUCT:** MAY BE COMBUSTIBLE AT HIGH TEMPERATURE.

**FLASH POINT:** 193°C / 379.4°F (CLOSED CUP)

**FLAMMABLE LIMITS:** NOT AVAILABLE

**PRODUCTS OF COMBUSTION:** CARBON MONOXIDE, CARBON DIOXIDE

**FIRE FIGHTING MEDIA:**

**SMALL FIRE:** USE DRY CHEMICAL POWDER.

**LARGE FIRE:** USE WATER SPRAY, FOG OR FOAM. DO NOT USE WATER JET.

**FIRE FIGHTING PROCESURES:** WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING.

**EXPLOSION HAZARDS:**

**IN PRESEENCE OF MECHANICAL IMPACT:** NOT AVAILABLE

**IN PRESENCE OF STATIC DISCHARGE:** NOT AVAILABLE

#### **SECTION 6. ACCIDENTAL RELEASE MEASURES**

**SMALL SPILL:** ABSORB WITH INERT MATERIAL AND PLACE IN AN APPROPRIATE WASTE CONTAINER.

**LARGE SPILL:** ABSORB WITH INERT MATERIAL AND PLACE IN AN APPROPRIATE WASTER CONTAINER. CLEAN AREA WITH WATER AND ALLOW TO EVACUATE THROUGH THE SANITARY SYSTEM.

#### **SECTION 7. HANDLING AND STORAGE**

**PRECAUTIONS:** KEEP AWAY FROM HEAT. KEEP AWAY FROM SOURCES OF IGNITION. EMPTY CONTAINERS POSE A FIRE RISK; EVAPORATE THE RESIDUE UNDER A FUME HOOD. GROUND ALL EQUIPMENT CONTAINING MATERIAL. DO NOT BREATHE GAS/FUMES/VAPOR/SPRAY. KEEP AWAY FROM INCOMPATIBLES SUCH AS OXIDIZING AGENTS.

**STORAGE:** KEEP CONTAINER TIGHTLY CLOSED IN A COOL, WELL-VENTILATED AREA.

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**ENGINEERING CONTROLS:** PROVIDE EXHAUST VENTILATION OR OTHER ENGINEERING CONTROLS TO KEEP AIRBORNE CONCENTRATIONS OF VAPORS BELOW THEIR RESPECTIVE THRESHOLD LIMIT VALUE. ENSURE THAT EYEWASH STATIONS AND SAFETY SHOWERS ARE NEAR THE WORK STATION.

**PERSONAL PROTECTION:** SAFETY GLASSES, LAB COAT OR SYNTHETIC APRON, IMPERVIOUS GLOVES. IN CASE OF A LARGE SPILL, SPLASH GOGGLES, FULL SUIT, BOOTS, GLOVES.

**EXPOSURE LIMITS:** NOT AVAILABLE

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE:</b>	PALE YELLOW LIQUID.
<b>ODOR:</b>	SLIGHT; CHARACTERISTIC
<b>MELTING POINT:</b>	NOT APPLICABLE
<b>BOILING POINT:</b>	160°C (320°F)
<b>VAPOR PRESSURE:</b>	NOT AVAILABLE
<b>VAPOR DENSITY:</b>	NOT AVAILABLE
<b>SPECIFIC GRAVITY:</b>	1.007 (WATER=1)
<b>SOLUBILITY IN WATER:</b>	INSOLUBLE
<b>PH:</b>	NOT APPLICABLE

## SECTION 10. STABILITY AND REACTIVITY

**STABILITY:** STABLE

**CONDITIONS OF INSTABILITY:** EXCESS HEAT, INCOMPATIBLE MATERIALS

**INCOMPATIBLE MATERIALS:** REACTIVE WITH OXIDIZING AGENTS.

**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR.

## SECTION 11. TOXICOLOGICAL INFORMATION

**TOXICITY TO ANIMALS:**

LD50: NOT AVAILABLE

LC50: NOT AVAILABLE

**CHRONIC EFFECTS ON HUMANS:** NOT AVAILABLE

**OTHER TOXIC EFFECTS ON HUMANS:** SLIGHTLY HAZARDOUS IN CASE OF SKIN CONTACT (IRRITANT, PERMEATOR), EYE CONTACT (IRRITANT), INGESTION, AND INHALATION.

### **SPECIAL REMARKS ON OTHER TOXIC EFFECTS ON HUMANS:**

ACUTE POTENTIAL HEALTH EFFECTS:

SKIN: MAY CAUSE SKIN IRRITATION.

EYES: MAY CAUSE EYE IRRITATION.

INHALATION: MAY CAUSE RESPIRATORY TRACT IRRITATION.

INGESTION: MAY CAUSE GASTROINTESTINAL TRACT IRRITATION.



## SECTION 12. ECOLOGICAL INFORMATION

**ECOTOXICITY:** NOT AVAILABLE  
**BOD5 AND COD:** NOT AVAILABLE

**PRODUCT OF BIODEGRADATION:** POSSIBLY HAZARDOUS SHORT TERM DEGRADATION PRODUCTS ARE NOT LIKELY. HOWEVER, LONG TERM DEGRADATION PRODUCTS MAY ARISE.

**TOXICITY OF THE PRODUCTS OF BIODEGRADATION:** THE PRODUCT ITSELF AND ITS PRODUCTS OF DEGRADATION ARE NOT TOXIC.

**SPECIAL REMARKS ON THE PRODUCTS OF BIODEGRADATION:** NOT AVAILABLE

## SECTION 13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL MUST BE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL ENVIRONMENTAL CONTROL REGULATIONS.

## SECTION 14. TRANSPORT INFORMATION

**DOT CLASSIFICATION:** NOT A DOT CONTROLLED MATERIAL (UNITED STATES).  
**IDENTIFICATION:** NOT APPLICABLE  
**SPECIAL PROVISIONS FOR TRANSPORT:** NOT APPLICABLE

## SECTION 15. REGULATORY INFORMATION

**FEDERAL AND STATE REGULATIONS:** TSCA 8(b) INVENTORY: OCTYL METHOXYCINNAMATE

### OTHER REGULATIONS:

**EINECS:** THIS PRODUCT IS ON THE EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICAL SUBSTANCES (EINECS NO. 226-775-7).

**CANADA:** LISTED ON THE CANADIAN DOMESTIC SUBSTANCES LIST (DSL).

**CHINA:** LISTED ON THE NATIONAL INVENTORY.

**JAPAN:** LISTED ON THE NATIONAL INVENTORY (ENCS).

**KOREA:** LISTED ON THE NATIONAL INVENTORY (KECI).

**PHILIPPINES:** LISTED ON THE NATIONAL INVENTORY (PICCS).

**AUSTRALIA:** LISTED ON AICS.

### OTHER CLASSIFICATIONS:

**WHMIS (CANADA):** NOT CONTROLLED UNDER WHMIS (CANADA).

**DSCL (EEC):** THIS PRODUCT IS NOT CLASSIFIED ACCOURDING TO THE EU REGULATIONS. S24/25 – AVOID CONTACT WITH SKIN AND EYES.



**SECTION 16. OTHER INFORMATION**

**HMIS (U.S.A.):**

<b>HEALTH HAZARD</b>	1
<b>FIRE HAZARD</b>	1
<b>REACTIVITY</b>	0
<b>PERSONAL PROTECTION</b>	A

**NFPA (U.S.A.):**

<b>HEALTH</b>	1
<b>FLAMMABILITY</b>	1
<b>REACTIVITY</b>	0

**HISTORY:**

JANUARY 29, 2010                      REVISION 1

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