



SECTION 1. MATERIAL AND MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: McKinley Resources, Inc.
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PRODUCT NAME: Octyl Palmitate
INCI NAME: Ethylhexyl Palmitate
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SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

LISTED BELOW ARE THOSE COMPONENTS REQUIRED TO BE IDENTIFIED BY FEDERAL AND/OR NEW JERSEY LAW. OTHER COMPONENTS MAY BE PRESENT AT ONE PERCENT OR LESS.

COMPONENT	CAS NUMBER	OSHA PEL	ACGIH TLV
HEXADECANOIC ACID, 2-ETHYLHEXYL ESTER	29806-73-3	N/A	NONE

THIS PRODUCT IS LISTED ON THE U.S. TOXIC SUBSTANCE CONTROL ACT (TSCA) CHEMICAL SUBSTANCE INVENTORY.

SECTION 3. HAZARDS IDENTIFICATION

ROUTES OF ENTRY: INHALATION, SKIN CONTACT AND/OR INGESTION.
HEALTH HAZARDS (ACUTE AND CHRONIC): MAY BE AN EYE OR SKIN IRRITANT; LOW TO MEDIUM TOXICITY.
CARCINOGENICITY: NONE KNOWN
SIGNS AND SYMPTOMS OF EXPOSURE: NONE KNOWN
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NONE KNOWN

SECTION 4. FIRST AID MEASURES

EYE CONTACT: FLUSH WITH WATER FOR 15 MINUTES. SEE PHYSICIAN.
SKIN CONTACT: WASH WITH SOAP AND WATER. SEE PHYSICIAN IF NECESSARY. REMOVE CONTAMINATED CLOTHING AND LAUNDRER BEFORE REUSE.
INGESTION: DO NOT INDUCE VOMITING. DRINK PLENTY OF WATER. DO NOT GIVE ANYTHING TO AN UNCONSCIOUS VICTIM. SEE PHYSICIAN IMMEDIATELY.
INHALATION: REMOVE TO FRESH AIR. SEE PHYSICIAN IF NECESSARY.

SECTION 5. FIRE FIGHTING MEASURES

FLASH POINT (METHOD USED): >140°F (C.O.C.)
FLAMMABLE LIMITS - LEL/UEL: NOT KNOWN
EXTINGUISHING MEDIUM: FOAM, CARBON DIOXIDE, DRY CHEMICAL. USE WATER SPRAY TO COOL SURFACE OF CONTAINER.
SPECIAL FIRE FIGHTING PROCEDURES: USE SELF-CONTAINED BREATHING APPARATUS, AVOID BREATHING FUMES, VAPORS OR MISTS. WATER MAY CAUSE FROTHING.
UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE KNOWN
OTHER INFORMATION: AVOID CONTACT WITH FIRE AND SPARKS.

SECTION 6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: DIKE OR CONTAIN SPILL. APPLY ABSORBENT. PUT IN CONTAINER, CLOSE CONTAINER. PREVENT FROM GOING INTO SEWER AND WATERWAYS. NOTIFY PROPER AUTHORITIES. IF SPILL IS LIQUID, ATTEMPT TO VACUUM IT INTO A TANK OR DRUM. DISPOSE OF PRODUCT IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

SECTION 7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING OR STORAGE: STORE IN A COOL, DRY, WELL VENTILATED AREA AWAY FROM HEAT AND DIRECT SUNLIGHT. KEEP CONTAINERS CLOSED WHEN NOT IN USE.

OTHER PRECAUTIONS: NONE KNOWN

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION: USE NIOSH APPROVED ORGANIC VAPOR CARTRIDGE RESPIRATOR.

VENTILATION:

LOCAL EXHAUST: YES

MECHANICAL (GENERAL) EXHAUST: YES

PROTECTIVE GLOVES: NEOPRENE

EYE PROTECTION: CHEMICAL SPLASH GOGGLES

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: NEOPREN APRON. LONG SLEEVED SHIRT AND PANTS. SAFETY SHOES, HARD HAT. SAFETY SHOWER AND EYEWASH STATION.

WORK/HYGENIC PRACTICES: WASH WITH SOAP AND WATER AFTER CONTACT. AVOID INGESTION. PRACTICE GOOD PERSONAL HYGIENE.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: N/A
SPECIFIC GRAVITY (H₂O = 1): 0.86 @ 60°F
VAPOR PRESSURE (mm/Hg): N/A
MELTING POINT: N/A
VAPOR DENISTY (AIR =1): N/A
EVAPORATION RATE (BUTYL ACETATE = 1): N/A
SOLUBILITY IN H₂O: < 0.1% @25°C
APPEARANCE & ODOR: CLEAR, COLORLESS LIQUID; ODORLESS
OTHER INFORMATION: N/A

SECTION 10. STABILITY AND REACTIVITY

STABILITY: STABLE
CONDITIONS TO AVOID: HIGH TEMPERATURES
INCOMPATIBILITY (MATERIALS TO AVOID): STRONG ACIDS OR STRONG BASES.
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
CONDITIONS TO AVOID: NONE KNOWN
OTHER INFORMATION: NONE KNOWN



SECTION 11. TOXICOLOGICAL INFORMATION

NO INFORMATION AVAILABLE.

SECTION 12. ECOLOGICAL INFORMATION

NO INFORMATION AVAILABLE.

SECTION 13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: FREE LIQUIDS MAY NOT BE LANDFILLED. RECOVER AND/OR INCINERATE LIQUIDS WHERE POSSIBLE. OBEY LOCAL, STATE, AND FEDERAL REGULATIONS.

SECTION 14. TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: FATTY ACID ESTER
DOT HAZARD CLASS: NON-REGULATED
DOT LABEL(S): NONE
UN/NA NUMBER: NONE
PLACARDS: NONE

RID (OCTI), EUROPEAN RAILROAD HAZARD CLASS: NOT AVAILABLE
RAR (IATA), EUROPEAN AIR HAZARD CLASS: NOT AVAILABLE
IMDG, MARITIME DANGEROUS GOODS CODE: NONE

SECTION 15. REGULATORY INFORMATION

TSCA STATUS: ALL COMPONENTS OF THIS PRODUCT ARE LISTED IN THE TSCA INVENTORY.
SARA SECTION 302: NONE FOUND
SARA (311, 312) HAZARD CLASS: NONE
SARA 313 CHEMICALS: THIS PRODUCT DOES NOT CONTAIN A TOXIC CHEMICAL FOR ROUTINE 'TOXIC CHEMICAL RELEASE REPORTING' UNDER SECTION 313.

CERCLA HAZARDOUS SUBSTANCE: NOT A LISTED EHS
CERCLA REPORTABLE QUANTITY: NONE LISTED
CALIFORNIA PROPOSITION 65: NONE

CANADIAN (DSL) INVENTORY: LISTED ON THE DSL
WHMIS HAZARD CLASS: NON-CONTROLLED
WHMIS TRADE SECRET: NONE

EC LABELING REQUIREMENTS
EC REQUIRED SYMBOL (S): NONE REQUIRED
EC SAFETY PHRASES: NONE REQUIRED
EC RISK PHRASES: NONE REQUIRED



KOREAN INVENTORY STATUS: ALL COMPONENTS ARE IN COMPLIANCE IN KOREA.
JAPANESE INVENTORY STATUS: ALL COMPONENTS ARE IN COMPLIANCE WITH THE CHEMICAL SUBSTANCE CONTROL LAW OF JAPAN.
AUSTRALIAN INVENTORY STATUS: ALL COMPONENTS ARE IN COMPLIANCE WITH CHEMICAL NOTIFICATION REQUIREMENTS IN AUSTRALIA.
PHILIPPINES INVENTORY: ALL COMPONENTS ARE IN COMPLIANCE WITH THE PHILIPPINES TOXIC SUBSTANCES AND HAZARDOUS AND NUCLEAR WASTES CONTROL ACT OF 1990 (R.A. 6969).
CHINESE INVENTORY STATUS: ALL COMPONENTS OF THE PRODUCT ARE LISTED ON THE INVENTORY OF EXISTING CHEMICAL SUBSTANCES OF CHINA.

SECTION 16. OTHER INFORMATION

HISTORY

ORIGINAL ISSUE: SEPTEMBER 6, 2007
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