

ANDPAK-EMA INC DIV OF ZIP-CHEM PRODUCTS -- CALLA 296 -- 6850-01-485-5932  
===== Product Identification =====

Product ID:CALLA 296  
MSDS Date:10/16/2000  
FSC:6850  
NIIN:01-485-5932  
Status Code:A  
MSDS Number: CLDWT  
=== Responsible Party ===  
Company Name:ANDPAK-EMA INC DIV OF ZIP-CHEM PRODUCTS  
Address:400 JARVIS DR  
City:MORGAN HILL  
State:CA  
ZIP:95037  
Country:US  
Info Phone Num:408-782-2500/800-648-2661  
Em  
ergency Phone Num:1-800-424-9300  
Preparer's Name:J. SMITH  
CAGE:25873  
=== Contractor Identification ===  
Company Name:ANDPAK-EMA INC DIV OF ZIP-CHEM PRODUCTS  
Address:400 JARVIS DR  
Box:City:MORGAN HILL  
State:CA  
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Country:US  
Phone:408-782-2500/800-648-2661  
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===== Composition/Information on Ingredients =====

Ingred Name:NON-HAZARDOUS INGREDIENT(S)  
= Wt:100.  
Other REC Limits:NOT DETERMINED  
OSHA PEL:NOT DETERMINED  
ACGIH TLV:NOT DETERMINED

===== Ha

zards Identification =====

LD50 LC50 Mixture:NOT PROVIDED

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE HEALTH EFFECTS: BREATHING HIGH CONCENTRATIONS OF VAPORS MAY CAUSE IRRITATION OF THE RESPIRATORY TRACT. EYE/SKIN: MAY CAUSE IRRITATION. INGESTION: MAY CAUSE NAUSEA OR VOMITING. CHRONIC HEALTH EF FECTS: PROLONGED EXPOSURE TO EXTREMELY HIGH CONCENTRATIONS OF THE VAPORS MAY CAUSE IRRITATION TO THROAT AND NOSE. PRO

LONGED OR REPEATED CONTACT MAY CAUSE DRY SKIN.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:BREATHING HIGH CONCENTRATIONS OF VAPORS MAY CAUSE IRRITATION OF THE RESPIRATORY TRACT. EYE/SKIN: MAY CAUSE IRRITATION. INGESTION: MAY CAUSE NAUSEA OR VOMITING.

Medical Cond Aggravated by Exposure:NONE KNOWN.

===== First Aid Measures =====

First Aid:EYES: MAY BE AN EYE IRRITANT. FLUSH IMMEDIATELY WITH WATER FOR 15 MINUTES AND TAKE TO PHYSIC IAN. SKIN: WASH AFFECTED AREA WITH WATER. INGESTION: DO NOT INDUCE VOMITING SO AS TO AVOID ASPIRATION OF MA TERIAL INTO THE LUNGS. IF CONSCIOUS, DRINK LARGE AMOUNT OF WATER AND CONTACT A PHYSICIAN. INHALATION: REMOVE FROM EXPOSURE AND RESTORE BREATHING. KEEP PERSON CALM. IF NOT BREATHING, GIVE ARTIFICIAL RE SPIRATION AND CALL EMERGENCY RESPONSE. IF BREATHING IS DIFFICULT GIVE OXYGEN AND CALL EMERGENCY RESPONSE.

===== Fire Fighting Measures =====

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Flash Point Method:PMCC

Flash Point:NONE

Autoignition Temp:Autoignition Temp Text:N/E

Extinguishing Media:FOAM, ALCOHOL FOAM, CO2, DRY CHMEICAL, WATER FOG.

Fire Fighting Procedures:USE STANDARD FIREFIGHTER TECHNIQUES TO FIGHT FIRES INVOLVING THIS MATERIAL. THIS MATERIAL ITSELF IS NOT FLAMMABLE.

Unusual Fire/Explosion Hazard:SENSITIVITY TO MECHANICAL IMPACT: NOT SENSITIVE. SENSIVITY TO STATIC DISCHARGE: NOT SENSITIVE.

===== Accidental Release Measures =====

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Spill Release Procedures:STOP SOURCE OF SPILL AS SOON AS POSSIBLE AND NOTIFY APPROPRIATE PERSONNEL. BURN AROUND SPILL AREA TO PREVENT SPILL FROM SPREADING. VENTILATE AREA. CREATE A TRENCH TO CONTAIN MATERIALS. ABSORB SPILLED MATERIALS WITH SAND, CLAY OR EARTH. DO NOT PLACE MATERIALS BACK IN THEIR ORIGINAL CONTAINER.

Neutralizing Agent:NOT PROVIDED

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN A COOL DRY WELL-VENTILATED

PLACE. STORE AT TEMPERATURES BELOW 120F. DO NOT STORE OR USE NEAR HEAT, SPARKS, OR FLAMES.

Other Precautions:DO NOT TAKE INTERNALLY. AVOID CONTACT WITH EYES AND CLOTHING. UPON CONTACT WITH SKIN OR EYES WASH OFF WITH WATER. AVOID BREATHING VAPORS. VAPORS ARE HEAVIER THAN AIR AND WILL COLLECT IN LOW AREAS AND OTHER CONFINED AREAS.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:BREATHING APPARATUS IS NOT REQUIRED FOR USE OR

THIS PRODUCT. HOWEVER, IF BREATHING APPARATUS IS NECESSARY FOR APPLICATION USE MASK FOR ORGANIC VAPORS. REFER TO NIOSH PUBLICATION NO. 89-105 AND NIOSH N O. 87-116. SEE OSHA REQUIREMENT UNDER 29 CFR 1910.1025 AND 29 CFR 1910.134.

Ventilation:LOCAL OR MECHANICAL TO KEEP SECTION 11 INGREDIENTS BELOW THEIR EXPOSURE LIMITS.

Protective Gloves:IMPERVIOUS RECOMMENDED

Eye Protection:SAFETY GLASSES RECOMMENDED

Other Protective Equipment:GLOVES, BOOTS, APRON, PROTECTIVE SUIT.

Work Hygienic Practices:NOT PROVIDED

Supplemental Safety and Health

ABBREVIATION: N/A = NOT APPLICABLE. N/AV = NOT AVAILABLE. N/K =

UNKNOWN. N/P = NOT PROVIDED. N/R = NOT RELEVANT. N/D = NOT

DETERMINED. N/E = NOT ESTABLISHED. CNS = CENTRAL NERVOUS SYSTEM. GI

= GASTROINTESTINAL. SCBA = SELF CONTAINED BREATHING APPARATUS.

===== Physical/Chemical Properties =====

HCC:N1

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:NOT DETERMINED

Melt/Freeze Pt:M.

P/F.P Text:NOT DETERMINED  
Decomp Temp:Decomp Text:NOT DETERMINED  
Vapor Pres:NOT DETERMINED  
Vapor Density:> AIR  
Spec Gravity:1.0  
VOC Pounds/Gallon:121  
pH:8-9  
Viscosity:NOT PROVIDED  
Evaporation Rate & Reference:SLOWER THAN ETHER  
Solubility in Water:SOLUBLE  
Appearance and Odor:STRAW COLOR LIQUID - SLIGHT ODOR  
Percent Volatiles by Volume:80 BY WEIGHT  
Corrosion Rate:NOT PROVIDED

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES  
STRONG  
OXIDIZING AGENTS.  
Stability Condition to Avoid:TEMPERATURES ABOVE 120F (49C)  
Hazardous Decomposition Products:CARBON DIOXIDE, CARBON MONOXIDE.

===== Toxicological Information =====

Toxicological Information:ACUTE HEALTH EFFECTS: BREATHING HIGH  
CONCENTRATIONS OF VAPORS MAY CAUSE IRRITATION OF THE RESPIRATORY  
TRACT. EYE/SKIN: MAY CAUSE IRRITATION. INGESTION: MAY CAUSE NAUSEA  
OR VOMITING. CHRONIC HEALTH EF FECTS: PROLONGED EXPOSURE TO  
EXTREMELY HIGH  
CONCENTRATIONS OF THE VAPORS MAY CAUSE IRRITATION TO  
THROAT AND NOSE. PROLONGED OR REPEATED CONTACT MAY CAUSE DRY SKIN.

===== Ecological Information =====

Ecological:NONE KNOWN OR REPORTED.

===== Disposal Considerations =====

Waste Disposal Methods:SPILLED MATERIAL COLLECTED IN ABSORBENT MATERIAL  
SHOULD BE TRANSFERRED TO STEEL DISPOSAL OR RECOVERY DRUMS. IF THIS  
PRODUCT BECOMES A WASTE, IT DOES NOT MEET THE CRITERI

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HAZARDOUS WASTE AS DEFINED UNDER 40 CFR 261, IN THAT IT DOES NOT EXHIBIT THE CHARACTERISTICS OF HAZARDOUS WASTE UNDER SUBPART D. FOLLOW GOVERNMENTAL REGULATIONS.

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MSDS Transport Information  
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Transport Information: DOT SHIPPING NAME: NON-REGULATED. DOT HAZARD CLASS: NONE. DOT PACKING GROUP: NONE. DOT REPORTABLE QUANTITY: NONE.

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Regulatory Information  
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SARA Title III Information: SUPE

RFUND AMENDMENTS AND REAUTHORIZATION ACT

TITLE III (SARA): SECTION 302/304: NONE LISTED. SECTION 311 AND 312: BASED UPON AVAILABLE INFORMATION THIS MATERIAL AND/OR COMPONENTS IS CLASSIFIED AS A HEALTH AND/OR PHYSICAL HAZARDS ACCORDING TO SECTION 311 AND 312. SECTION 313: THIS MATERIAL DOES NOT CONTAIN ANY CHEMICALS WITH KNOWN CAS NUMBERS SUBJECT TO REPORTING REQUIREMENTS OF SARA TITLE III, SECTION 313 AND 40 CFR PART 372.

Federal Regulatory Information: TOXIC SUBST

ANCE CONTROL ACT (TSCA): THE

COMPONENTS OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY. COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT (CERCLA): THIS MATERIAL DOES NOT CONTAINS CHEMICAL(S) WITH KNOWN CAS NUMBERS CLASSIFIED AS HAZARDOUS SUBSTANCES SUBJECT TO THE REPORTING REQUIREMENTS OF CERCLA (40 CFR 302) AND TO THE RELEASE REPORTING REQUIREMENTS OF SARA (SECTION 302) BASED ON REPORTABLE QUANTITIES (RQS). OSHA REGULATIONS: DO NOT APPLY.

State

Regulatory Information: CALIFORNIA SAFE DRINKING WATER AND TOXIC

ENFORCEMENT ACT OF 1988 - PROPOSITION 65: THIS MATERIAL IS NOT KNOWN TO CONTAIN ANY CHEMICALS CURRENTLY LISTED AS CARCINOGENS OR REPRODUCTIVE TOXINS UNDER CALIFORNIA PROPOSITION 65 AT LEVELS WHICH WOULD BE SUBJECT TO THE PROPOSITION. MASSACHUSETTS - RIGHT-TO-KNOW SUBSTANCE LIST (MSL) (105 CMR 670.000]: NONE. PENNSYLVANIA RIGHT-TO-KNOW HAZARDOUS SUBSTANCE LIST. NONE.

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Other Information  
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