

ZIP-CHEM PRODUCTS/ MITANN INC DBA ZIP-CHEM PRODUCTS -- CALLA 296 -- 6850-01-485-5950

===== Product Identification =====

Product ID:CALLA 296

MSDS Date:10/16/2000

FSC:6850

NIIN:01-485-5950

Status Code:A

MSDS Number: CLNLF

=== Responsible Party ===

Company Name:ZIP-CHEM PRODUCTS/ MITANN INC DBA ZIP-CHEM PRODUCTS

Address:400 JARVIS DR

City:MORGAN HILL

State:CA

ZIP:95037

Country:US

Info Phone Num:408-782-2500

Emergency Phone Num:1-800-424-9300

Preparer's Name:J. S

MITH

CAGE:1KQX9

=== Contractor Identification ===

Company Name:RELIANCE AEROPRODUCTS INTL INC

Address:950 S 6TH AVE

Box:City:MANSFIELD

State:TX

ZIP:76063

Country:US

Phone:817-453-8829

Contract Num:SP0450-02-M-M021

CAGE:0TAN3

Company Name:ZIP-CHEM PRODUCTS/ MITANN INC DBA ZIP-CHEM PRODUCTS

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Country:US

Phone:408-782-2500

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===== Composition/Information on Ingredients =====

Ingred Name:HAZARDOUS INGREDIENT(S):

NONE  
= Wt:100.  
Code:F  
Other REC Limits:NOT DETERMINED

===== Hazards Identification =====

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 VAPOR S MAY CAUSE IRRITATION TO THROAT AND NOSE. PROLONGED OR REPEATED CONTACT MAY CAUSE DRY SKIN.  
Effects of Overexposure:INHALATION: ACUTE-IRRITATION OF NOSE & THROAT MAY OCCUR FROM BREATHING HIGH CONCENTRATIONS. CHRONIC-BREATHING EXTREMELY HIGH CONCENTRATIONS OF THE VAPORS MAY LEAD TO IRRITATION OF NOSE & THROAT. SKIN : ACUTE-MAY CAUSE IRRITATION. CHRONIC-PROLONGED OR REPEATED CONTACT MAY CAUSE DRY SKIN. EYE: MAY CAUSE IRRITATION. INGESTION: ACUTE-MAY CAUSE NAUSEA OR VOMITI NG.  
CHRONIC-IF LARGE QUANTITIES ARE SWALLO WED, DO NOT INDUCE VOMITING AS IT MIGHT CAUSE ASPIRATION OF VOMITUS INTO THE LUNGS. DRINK LOTS OF WATER & SEE PHYSICIAN.  
Medical Cond Aggravated by Exposure:NONE KNOWN.

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

First Aid:DO NOT USE EPINEPHRINE IN CONJUNCTION WITH THIS MATERIAL.  
EYES: MAY BE AN EYE IRRITANT. FLUSH IMMEDIATELY WITH WATER FOR 15 MINS & TAKE TO PHYSICIAN. SKIN: WASH AFFECTED AREA WITH WATER. INGESTION: DO NOT INDUCE VOMITING SO AS TO AVOID ASPIRATION OF MATERIAL INTO THE LUNGS. IF CONSCIOUS, DRINK LARGE AMOUNT OF WATER & CONTACT A PHYSICIAN. INHALATION: REMOVE FROM EXPOSURE & RESTORE BREATHING. KEEP PERSON CALM. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION & CALL EMERGENCY RESPONSE. IF BREATHING IS DIFFICULT GIVE OXYGEN & CALL EMERGENCY RESPONSE.

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

Flash Point Method:PMCC  
Flash Point:NON

E  
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 =====

Spill Release Procedures:SPILL MITIGATION-STOP SOURCE OF SPILL AS SOON

AS POSSIBLE & NOTIFY APPROPRIATE PERSONNEL. BURN AROUND SPILL AREA TO PREVENT SPILL FROM SPREADING. VENTILATE AREA. LAND SPILL-CREATE A TRENCH TO CONTAIN MATERIALS. ABSORB SPILLED MATERIALS WITH SAND, CLAY OR EARTH. DO NOT PLACE MATERIALS BACK IN THEIR ORIGINAL CONTAINER. AIR RELEASE-VAPORS MAY BE SUPPRESSED BY USE OF WATER FOG OR SPRAY.

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

Handling and Storage Precautio

ns:STORE IN A COOL DRY WELL-VENTILATED

PLACE. STORE AT TEMPERATURES BELOW 120F. DO NOT STORE OR USE NEAR HEAT, SPARKS, OR FLAMES. AVOID BREATHING VAPORS. VAPORS ARE HEAVIER THAN AIR AND WILL COLLECT IN LOW AREAS AND OTHER CONFINED AREAS.

Other Precautions:DO NOT TAKE INTERNALLY. AVOID CONTACT WITH EYES AND CLOTHING. UPON CONTACT WITH SKIN OR EYES WASH OFF WITH WATER.

SHELF LIFE LIMITATIONS: 36 MONTHS FORM DATE OF SHIPMENT (DOS).

INCOMPATIBLE MATERIALS FOR STORAGE

OR TRANSPORT: STRONG OXIDIZING

AGENTS. INCOMPATIBLE MATERIALS FOR PACKAGING: N/A.

===== 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 MECHANI

CAL 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

= GASTROI NT

ESTINAL. 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 C

OLOR 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:INTERACTION WITH OTHER CHEMICALS THAT ENHANCE

TOXICITY: NONE KNOWN. ACUTE TARGET ORGAN TOXICITY: NO ORGANS KNOWN TO BE DAMAGED FROM EXPOSURE TO THIS PRODUCT. CHRONIC TOXICITY ORGANS TOXICITY: THERE ARE NO KNOWN EFFECTS FROM REPEATED EXPOSURE. REPRODUCTIVE & DEVELOPMENTAL TOXICITY: THERE ARE NO KNOWN OR REPORTED EFFECTS ON REPRODUCTIVE FUNCTION OR FETAL DEVELOPMENT. MUTAGENICITY: THIS PRODUCT IS NOT KNOWN TO BE MUTAGENIC. EXPOSURE LIMITS: NOT DETERMINED.

===== Ecological Information =====  
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Ecological: AQUATIC TOXICITY: 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 CRITERIA OF A HAZARDOUS WASTE AS DEFINED UNDER 40 CFR 261, IN THAT IT DOES NOT EXHIBIT THE CHARACTERISTICS OF HAZARDOUS WASTE UNDER SUBPART D. FOLLOW GOVERNMENTAL REGS BY INCINERATION.

===== MSDS Transport Information =====

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

===== Regulatory Information =====

SARA Title III Information: SUPERFUND 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 HAZARD 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 SUBSTANCE CONTROL ACT (TSCA): THE COMPONENTS OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY. COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION

N AND LIABILITY ACT

(CERCLA): THIS MATERIAL DOES NOT CONTAIN 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.

===== Other Information =====

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