

ADVANCED CHEMISTRY & TECHNOLOG -- AC-236 CLASS B BASE

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MSDS Safety Information  
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FSC: 8030  
NIIN: 00-723-2746  
MSDS Date: 06/26/2000  
MSDS Num: CLBNX  
Product ID: AC-236 CLASS B BASE  
MFN: 01  
Kit Part: Y  
Responsible Party  
Cage: 1DWR5  
Name: ADVANCED CHEMISTRY & TECHNOLOGY  
Address: 7341 ANACONDA AVE  
C  
City: GARDEN GROVE CA 92841-2921  
Info Phone Number: 714-373-2837  
Emergency Phone Number: 1-800-373-2837  
Chemtrec IND/Phone: (800)424-9300  
Proprietary Ind: Y  
Review Ind: Y  
Published: Y

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Contractor Summary  
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Cage: 1DWR5  
Name: ADVANCED CHEMISTRY & TECHNOLOGY  
Address: 7341 ANACONDA AVE  
City: GARDEN GROVE CA 92841-2921  
Phone: 714-373-2837

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Item Description Information  
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Item Manager: GSA  
Item Name: SEALING COMPOUND  
Specification Number: MIL-S-8802F  
Type/Grade/Class: TYPE 2; CLASS B-2  
Unit of Issue: KT  
UI Container Qty: 1  
Type of Container: METAL

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Ingredients  
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Name: \*\*\* PROPRIETARY \*\*\*  
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## Health Hazards Data

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Skin: YES

Carcinogenicity Inds - NTP: YES

IARC: YES

OSHA: YES

Effects of Exposure: EYE CONTACT: MAY CAUSE MECHANICAL IRRITATION. SKIN CONTACT: INCIDENTAL CONTACT IS NOT EXPECTED TO CAUSE IRRITATION. INHALATION(BREATHING): EXPOSURE IS UNLIKELY. INGESTION(SWALLOWING): EXPOSURE IS UNLIKELY. MAY CAUSE NAUSEA, VOMITING, PAIN AND STOMACH UPSET (E.G., DIARRHEA). TARGET ORGANS/CHRONIC EFFECTS: LUNGS AND RESPIRATORY SYSTEM.

Explanation Of Carcinogenicity: FORMALDEHYDE: ACGIH-A2. IARC-2A. NTP-YES. OSHA-YES.

Signs And Symptoms Of Overexposure: INGESTION (SWALLOWING): EXPOSURE IS UNLIKELY. MAY CAUSE NAUSEA, VOMITING, PAIN AND STOMACH UPSET (E.G., DIARRHEA).

Medical Cond Aggravated By Exposure: LUNGS AND RESPIRATORY SYSTEM.

First Aid: EYE CONTACT: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. SKIN CONTACT: IMMEDIATELY FLUSH WITH

WATER. REMOVE CONTAMINATED CLOTHING AND SHOES. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. PROFESSIONALLY WASH CLOTHING AND SHOES BEFORE RE-USE. INHALATION (BREATHING): REMOVE TO FRESH AIR. IF SYMPTOMS DEVELOPS, SEEK IMMEDIATELY MEDICAL ATTENTION. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION INGESTION (SWALLOWING) SEEK MEDICAL ATTENTION. IMMEDIATELY INDUCE VOMITING AS DIRECTED BY MEDICAL PERSONNEL. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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## Handling and Disposal

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Spill Release Procedures: EVACUATION: ISOLATE HAZARD AREA. KEEP UNNECESSARY AND UNPROTECTED PERSONNEL FROM ENTERING. CONTAINMENT: SAFELY STOP DISCHARGE. CONTAIN MATERIAL, AS NECESSARY, WITH A DIKE OR BARRIER. STOP MATERIAL FROM CONTAMINATING SOIL, OR FROM ENTERING SEWERS OR BODIES OF WATER.

Waste Disposal Methods: STOP DISCHARGE. IF SAFE TO DO SO. USE PROPER PROTECTIVE EQUIPMENT. C

OVER SPILLS WITH ABSORBENT DRY OR SAW DUST AND PLACE IN CLOSED CHEMICAL WASTE CONTAINERS. DISPOSE OF ACCORDING TO APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

Handling And Storage Precautions: STORE IN A COOL DRY WELL VENTILATED AREA. TRANSFER: NO SPECIAL PRECAUTIONS ARE NEEDED. FOLLOW GOOD MANUFACTURING & HANDLING PRACTICES.

Other Precautions: EMPTY CONTAINERS: ATTENTION! THIS CONTAINER CAN BE HAZARDOUS WHEN EMPTY. FOLLOW LABEL WARNINGS EVEN AFTER CANS IS EMPTIED SINCE EMPTY CA

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MAY RETAIN PRODUCT RESIDUES. DO NOT REUSE EMPTY CONTAINER WITHOUT PROFESSIONAL CLEANING FOR FOOD, CLOTHING, OR PRODUCTS FOR HUMAN OR ANIMAL CONSUMPTION OR SKIN CONTACT CAN OCCUR.

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Fire and Explosion Hazard Information  
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Flash Point Method: SCC

Flash Point: >93.3C, 199.9F

Autoignition Temp Text: N/D

Extinguishing Media: SMALL FIRES: DRY CHEMICAL, CARBON DIOXIDE, HALON, WATER SPRAY, OR FOAM, LARGE FIRES: WATER SPRAY, FOG.

Fire Fighting Procedures: FIREFIGHTERS AND OTHERS WHO MAY BE EXPOSED TO THE PRODUCTS OF COMBUSTION SHOULD BE EQUIPPED WITH NIOSH-APPROVED POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS (SCBA) AND FULL PROTECTIVE CLOTHING .

Unusual Fire/Explosion Hazard: DURING A FIRE, IRRITATING AND HIGHLY TOXIC GASES MAY BE GENERATED DURING COMBUSTION OR DECOMPOSITION.

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Control Measures  
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Respiratory Protection: WEAR NIOSH/MSHA-APPROVED EQUIPMENT. DETERMINE THE APPROPRIATE TYPE BY CONSULTING THE RESPIRATOR MANUFACTURER. HIGH AIRBORNE CONCENTRATIONS MAY NECESSITATE THE USE OF SELF-CONTAINED BREATHING APPARATUS (SCBA) OR A SUPPLIED AIR RESPIRATOR. RESPIRATORY PROTECTION PROGRAMS MUST BE IN COMPLIANCE WITH 29 CFR 1910.134.

Ventilation: LOCAL EXHAUST VENTILATION IS RECOMMENDED WHEN VAPORS, MISTS, OR DUSTS CAN BE RELEASED IN EXCESS OF ESTABLISHED AIRBORNE EXPOSURE LIMITS (TLV'S OR PEL'S).

Eye Protection: WEAR CHEMICAL SPLASH GOGGLES OR SAFETY GLASSES WITH SIDE SHIELDS.

Other Protective Equipment: WEAR PROTECTIVE CLOTHING AND APPROPRIATE IMPERVIOUS GLOVES. AN EYE WASH FACILITY SHOULD BE READILY AVAILABLE.

Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING, ESPECIALLY BEFORE EATING, DRINKING, SMOKING, USING RESTROOM FACILITIES. WASH CONTAMINATED GOGGLES, FACE-SHIELD, GLOVES. PROFESSIONALLY LAUNDRER SOILED CLOTHES BEFORE REUSE

Supplemental Safety and Health: THIS IS A TWO PART KIT CONSISTING OF AC-236 ACCELERATOR AND AC-236 CLASS B BASE. \*\*NOTE TO PHYSICIANS: TREATMENT SHOULD BE DIRECTED AT PREVENTING ABSORPTION, ADMINISTERING TO SYMPTOMS (IF THEY OCCUR), & PROVIDING SUPPORTIVE THERAPY.

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Physical/Chemical Properties  
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HCC: N1

Spec Gravity: 1.81

VOC Pounds/Gallon: .4

Solubility

in Water: INSOLUBLE

Appearance and Odor: OFF WHITE, PASTE, ODOR SULFIDE.

Percent Volatiles by Volume: 97

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Reactivity Data  
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Stability Indicator: YES

Materials To Avoid: OXIDIZERS, REDUCERS, ACIDS.

Hazardous Polymerization Indicator: NO  
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Toxicological Information  
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Toxicological

Information: LIMESTONE: REPEATED EXPOSURE TO DUSTS CAN LEAD TO PARTICULATE DEPOSITION IN THE LUNGS (I.E., PNEUMOCONIOSIS). CAN CONTAIN TRACE AMOUNTS OF CRYSTALLINE SILICA AS AN IMPURITY. CALCIUM CARBONATE: REPEATE D EXPOSURE TO DUST CAN LEAD TO PARTICULATE DEPOSITION IN THE LUNGS (I.E., PNEUMOCONOSIS). TITANIUM DIOXIDE: IN A 2-YR STUDY IN RATS, AN INCREASE IN BENIGN & MALIGNANT LUNG TUMORS WERE OBSERVED AT 250- MG/M3 RESPIRABLE DUST LEVEL. THIS LEVEL IS 5 TIMES THE CURRENT OCCUPA TIONAL EXPOSURE LEVEL & IS NOT EXPECTED TO CORRELATE TO HUMAN EXPOSURE. "SEE OTHER INFORMATION"  
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Ecological Information  
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Ecological: NO DATA AVILABLE FOR THIS RRODUCT. REPORTING: SILLS OF THIS MATERIAL IN EXCESS OF A COMPONENT'S RQ MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER (1-800-424-8802) & THE APPROPRIATE STATE & LOCAL EMER GENCY RESPONSE ORGANIZATION. FORMAL DEHYDE, RQ=100 LBS.  
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MSDS Transport Information  
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Regulatory Information  
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Sara Title III Information: SARA TITLE III-SECTION 311/312-HAZARD CATEGORIES: N-FIRE HAZARD, N-SUDDEN RELEASE OF PRESSURE HAZARD. N-REACTIVITY HAZARD. Y-IMMEDIATE (ACUTE) HEALTH HAZARD. N-DELAYED (CHR ONIC) HEALTH HAZARD. SARA SE CTION 302 EXTREMELY HAZARDUS MAT: FORMALDEHYDE.

Federal Regulatory Information: THIS PRODUCT IS CONSIDERED HAZARDOUS UNDER THE OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200). OZONE DEPLETING CHEMICAL-NO REGULATED INGREDIENTS. TOXIC SUBSTANCE CONTROL ACT: CHEMICAL COMPONENT (S) IN THIS PRODUCT ARE ON THE SECTION 8(B) CHEMICAL SUBSTANCE INVENTORY LIST (40 CFR 710).

State Regulatory Information: PENNSYLVANIA-NEW JERSEY R-T-K: LIMETSONE, 1317-85-3, 38.

5. CALCIUM CARBONATE, 471-34-1, 3. TITANIUM DIOXIDE, 13453-67-7, 2.5. FORMALDEHYDE, 50-00-0, &lt;0.1. ENVIRONMENTAL & SPECIAL HAZARD, NON-HAZARDOUS TRADE SECRET INGREDIENT(S), PROPRIETARY, BALANCE. CALIFORNIA-CALIFORNIA PROPOSITION 65 WARNING: THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER. QUARTZ (CRYSTALLINE SILICA) CANCER HAZARD, 14808-60-7, &lt;0.1. FORMALDEHYDE CANCER HAZARD, 50-00-0, &lt;0.1. CONEG-NO DATA AVAILABLE.

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Other Information

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Other Information: FORMALDEHYDE: SEVERELY IRRITATING TO THE EYES, SKIN & RESPIRATORY TRACT. CAUSES SKIN, EYE & RESPIRATORY SENSITIZATION. REPEATED EXPOSURE INDUCED NASAL CAVITY SQUAMOUS CELL CARCINOMA IN RATS. FORMALDEHYDE HAS BEEN FOUND TO BE GENOTOXIC IN SEVERAL ASSAYS & HAS SHOWN THE PROPERTIES OF BOTH AN INITIATOR & A PROMOTOR. ORAL LD50, RAT, 800 MG/KG.

ORAL LD50, MOUSE, 42 MG/KG. ORAL LD50, GUINEA PIG, 260 MG/ KG. DERMAL LD50, RABBIT, 270 MG/KG. INHALATION LC50, RAT, 590 MG/M3. INHALATION LC50, MOUSE, 400 MG/M3/2 HR.

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Transportation Information

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Responsible Party Code: 1DWR5  
Trans ID NO: 156584  
Product ID: AC-236 CLASS B BASE  
MSDS Prepared Date: 06/26/2000  
Review Date: 04/09/2001  
MFN: 1  
Net Unit Weight: 1.4 LBS  
Multiple KIT Number: 0  
Kit Part IND: Y  
Review IND: Y  
Unit Of Issue: KT  
Container QTY: 1  
Type Of Container: METAL

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Detail DOT Information

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DOT PSN Code: ZZZ  
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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Detail IMO Information

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IMO PSN Code: ZZZ  
IMO Proper Shipping Name

: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

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Detail IATA Information  
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IATA PSN Code: ZZZ

IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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Detail AFI Information  
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AFI PSN Code: ZZZ

AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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HAZCOM Label  
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Product ID: AC-236 CLASS B BASE

Cage: 1DWR5

Company Name: ADVANCED CHEMISTRY & TECHNOLOGY

Street: 7341 ANACONDA AVE

City: GARDEN GROVE CA

Zipcode: 92841-2921

Health Emergency Phone: 1-800-373-2837

Label Required IND: Y

Date Of Label Review: 04/09/2001

Status Code: A

Origination Code: F

Chronic Hazard IND: Y

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word

: CAUTION

Respiratory Protection IND: YES

Health Hazard: Slight

Contact Hazard: Slight

Fire Hazard: Slight

Reactivity Hazard: None

Hazard And Precautions: EYE CONTACT: MAY CAUSE MECHANICAL IRRITATION. SKIN CONTACT: INCIDENTAL CONTACT IS NOT EXPECTED TO CAUSE IRRITATION.

INHALATION(BREATHING): EXPOSURE IS UNLIKELY. INGESTION(SWALLOWING): EXPOSURE IS UNLIKELY. MAY CAUSE NAUSEA, VOMITING, PAIN AND STOMACH UPSET (E.G., DIARRHEA). TARGET ORGANS/CHRONIC EFFECTS: LUNGS AND RESPIRATORY SYSTEM.

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