

Product ID:AC-236 CLASS B BASE

MSDS Date:06/26/2000

FSC:8030

NIIN:00-579-8453 Status Code:A

MSDS Number: CLKFT === Responsible Party ===

Company Name: ADVANCED CHEMISTRY & TECHNOLOGY

Address:7341 ANACONDA AVE

City: GARDEN GROVE

State:CA

ZIP:92841-2921 Country:US

Info Phone Num:714-373-2837

Emergency Phone Num:(800)424-9300 Preparer's Name:HENRY SIMMONS

C

hemtrec Ind/Phone:(800)424-9300

CAGE:1DWR5

=== Contractor Identification ===

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State:CA

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

Ingred Name:LIMESTONE

CAS:1317-65-3

RTECS #:EV9580000

= Wt:38.5

OSHA PEL:15 MG/M3 ACGIH TLV:10 MG/M3

Ingred Name: CALCIUM CARBONATE

CAS:471-34-1

RTECS #:FF9335000

= Wt:3.

Ingred Name:TITANIUM D

IOXIDE CAS:13463-67-7 RTECS #:XR2275000 = Wt:2.5 OSHA PEL:15 MG/M3

ACGIH TLV:10 MG/M3

Ingred Name: FORMALDEHYDE

CAS:50-00-0

RTECS #:LP8925000

< Wt:.1

OSHA PEL:SEE 1910.1048

ACGIH STEL:C0.37 MG/M3;C0.3 PPM

EPA Rpt Qty:100 LBS DOT Rpt Qty:100 LBS

Ingred Name: NON-HAZARDOUS AND OTHER INGREDIENTS BELOW REPORTABLE LEVELS

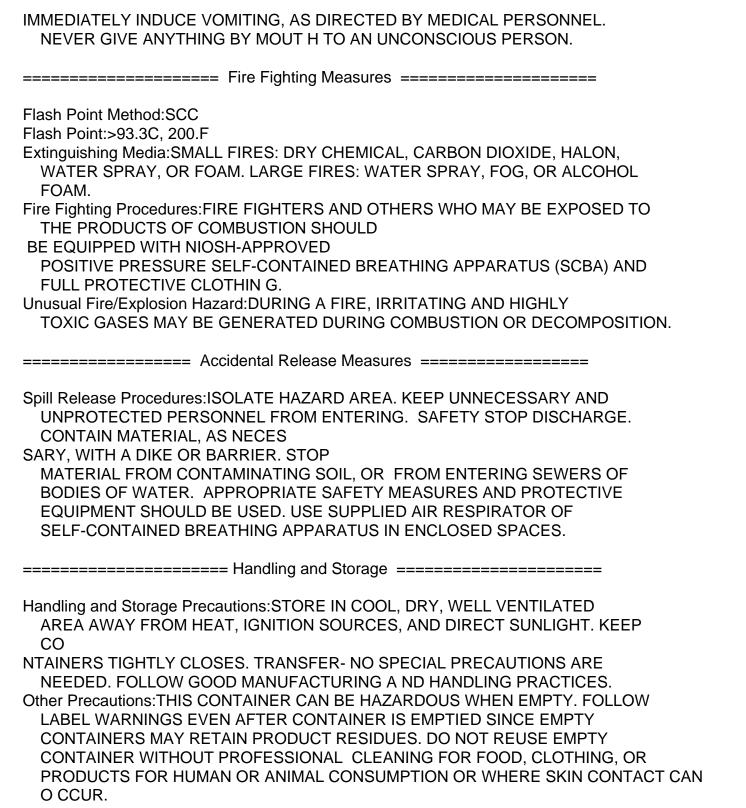
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO Health Hazards Acute and Chronic:LUNGS AND RESPIRATO RY SYSTEM.

Effects of Overexposure:EYE CONTACT: MAY CAUSE MECHANICAL IRRITATION SKIN CONTACT: INCIDENTAL CONTACT IS NOT EXPECTED INHALATION (BREATHING): EXPOSURE IS UNLIKELY INGESTION (SWALLOWING): EXPOSURE IS UNLIKELY, MAY CAUSE N AUSEA, 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 PLE NTY OF WATER FOR

AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. SKIN CONTACT: IMMEDIATELY FLUSH WITH WATER. REMOVE CONTAMINATED CLOTHIN G AND SHOES. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. PROFESSIONALLY WASH CLOTHING AND SHOES BEFORE RE-USE. INHALATION (BREATHING): REMOVE TO FRESH AIR. IF SYMPTOMS DEVELOP, SEEK IMMEDIATE MEDIC AL ATTENTION. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. INGESTION (SWALLOWING): SEEK MEDICAL ATTENTION:



====== Exposure Cont

Respiratory Protection: AVOID BREATHING VAPOR OR MIST. WEAR
NIOSH/MSHA-APPROVED EQUIPMENT. DETERMINE THE APPROPRIATE TYPE BY
CONSULTING THE RESPIRATOR MANUFACTURER. HIGH AIRBORNE CONCENTRATION
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 WHEN VAPORS. MISTS. OR DUSTS CAN

BE RELEASED IN EXCESS OF ESTABLISHED AIRBORNE EXPOSURE LIMITS (TLV'S OR PEL'S)

Protective Gloves:WEAR PROTECTIVE CLOTHING AND APPROPRIATE IMPERVIOUS GLOVES.

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

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING, ESPECIALLY BEFORE EATING, DRINKING, SMOKING, AND USING RESTROOM FACILITIES. Supplemental Safety and Health

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

Spec Grav ity:1.61

VOC Pounds/Gallon:48 VOC Grams/Liter:.4

Solubility in Water: INSOLUBLE

Appearance and Odor:OFF WHITE PASTE AND SULFIDE ODOR

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

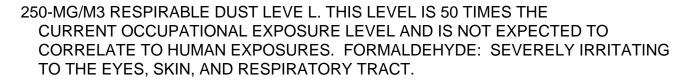
Stability Indicator/Materials to Avoid:YES OXIDIZERS, ACIDS

Stability Condition to Avoid: HIGH TEMPERATURES

Hazardous Decomposition Products:SMOKE, SOOT, AND TOXIC/IRRITATING FUMES (I.E., CARBON DIOXIDE, CARBON MONOXIDE, ETC). FORMALDEHYDE AND/OR OTHER ALDEHYDES. OXIDES OF NITROGEN, METALLI C OXIDES.

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

Toxicological Information:LIMESTONE REPEATED EXPOSURE TO DUST CAN LEAD TO PARTICULATE IN THE LUNGS (I.E., PNEUCONIOSIS). CAN CONTAIN TRACE AMOUNTS OF CRYSTALLINE SILICA AS AN IMPURITY. CALCIUM CARBONATE: REPEATED EXPOSURE TO DUSTS CAN LEAD TO PARTICULATE IN THE LUNGS (I.E., PNEUCONIOSIS). TITANIUM DIOXIDE: IN A 2 YEAR STUDY, AN INCREASE IN BENIGN AND MALIGNANT LUNG TUMORS WERE OBSERVED AT



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

Waste Disposal Methods:DISPOSE OF ACCORDING TO APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS OF THE METHODS OF DISPOSAL CURRENTLY AVAILABLE, IT IS RECOMMENDED THAT AN ALTERNATIVE B

E ACCORDING OR

THE FOLLOWING ORDER OF PRE FERENCE. BASED UPON ENVIRONMENTAL ACCEPTABILITY. (1) RECYCLE OR REWORK, IF FEASIBLE; (2) INCINERATE AT AN AUTHORIZED FACILITY.

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

SARA Title III Information:SARA SECTION 302 EXTREMELY HAZARDOUS MAT FORMALDEHYDE SARA SECTION 313 TOXIC CHEMICALS FORMALDEHYDE Federal Regulatory Information:UNITED STATES CHEMICAL COMPONENTS THIS PRODUCT ARE ON THE SECTION 8(B) CHEMIC

AL SUBSTANCE INVENTORY LIST (40 CFR 710)

State Regulatory Information:STATE RIGHT TO KNOW PENNSYLVANIA-NEW JERSEY R-T-K LIMESTONE 1317-65-3 38.5% CALCIUM CARBONATE 474-34-1 3% TITANIUM DIOXIDE 13463-67-7 2.5% FORMALDEHYDE 50-00-0