

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

Product ID:MC-250 CLASS A-1/6 BASE

MSDS Date:07/10/1997

FSC:8030

NIIN:00-474-1419

Status Code:A

MSDS Number: CLKWX

=== Responsible Party ===

Company Name:ADVANCED CHEMISTRY AND TECHNOLOGY, INC.

Address:7341 ANACONDA AVE

City:GARDEN GROVE

State:CA

ZIP:92841-2921

Country:US

Info Phone Num:714-373-2837

Emergency Phone Num:1-800-424-9300

Prepar

er's Name:ERNEST CARTER

Chemtec Ind/Phone:(800)424-9300

CAGE:UO599

=== Contractor Identification ===

Company Name:ADVANCED CHEMISTRY AND TECHNOLOGY, INC.

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Box:City:GARDEN GROVE

State:CA

ZIP:92841-2921

Country:US

Phone:714-373-2837

CAGE:UO599

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

Ingred Name:LIMESTONE

CAS:1317-65-3

RTECS #:EV9580000

Minumum % Wt:10.

Maxumum % Wt:20.

OSHA PEL:15 MG/M3

ACGIH TLV:10 MG/M3

Ingred Name:CALCIUM CARBONATE

CAS:4

71-34-1
RTECS #:FF9335000
Minumum % Wt:10.
Maxumum % Wt:20.

Ingred Name:ETHYL ACETATE
CAS:141-78-6
RTECS #:AH5425000
Minumum % Wt:5.
Maxumum % Wt:10.
OSHA PEL:1400 MG/M3;400 PPM
ACGIH TLV:1440 MG/M3;400 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:TITANIUM DIOXIDE
CAS:13463-67-7
RTECS #:XR2275000
Minumum % Wt:1.
Maxumum % Wt:5.
OSHA PEL:15 MG/M3
ACGIH TLV:10 MG/M3

Ingred Name:NON-HAZARDOUS PROPRIETARY

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

LD50 LC
50 Mixture:NONE
Health Hazards Acute and Chronic:EYE CONTACT: MAY CAUSE SLIGHT TO MILD IRRITATION. CAN CAUSE BURNING SENSATION, TEARING, AND REDNESS. SKIN CONTACT: MAY CAUSE SLIGHT TO MILD IRRITATION. INHALATION: IRRITATING TO THE EYES, NOSE, AND RE SPIRATORY TRACT. CAN CAUSE DIZZINESS, HEADACHES, AND INCOORDINATION. NAUSEA, VOMITING, AND STOMACH UPSET.
Effects of Overexposure:INHALATION MAY CAUSE DIZZINESS, HEADACHE AND INCOORDINATION. INGESTION CAN CAUSE DIZZINESS, FAIN TNESS, HEADACHE AND INCOORDINATION. MAY CAUSE RESPIRATORY TRACT IRRITATION. MAY CAUSE DIGESTIVE TRACT IR RITATION. INGESTION MAY CAUSE NAUSEA, VOMITING, PAIN, UPSET STOMACH, DIARRHEA. INHALATION MAY CAUSE SKIN IRRITATION. PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION.
Medical Cond Aggravated by Exposure:LUNGS AND RESPIRATORY SYSTEM. EYES. SKIN.

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

First Aid:EYE CONTACT: FLUSH EYES WITH P

LENTY OF WATER FOR AT LEAST 15

MINUTES. SKIN CONTACT: FLUSH WITH WATER. INHALATION: REMOVE TO FRESH AIR. INGESTION: SEEK MEDICAL ATTENTION.

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

Flash Point Method:SCC

Lower Limits:NONE

Upper Limits:NONE

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

Fire Fighting Procedures:FIRE FIGHTERS AND OTHERS WHO MAY BE EXPOSED TO THE PRODUCTS OF COMBUSTION SHOULD BE EQUIPPED WIT

H NIOSH APPROVED

POSITIVE PRESSURE SELF CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:HIGH TEMPERATURES CAN CAUSE SEALED CONTAINERS TO RUPTURE DUE TO A BUILD UP OF INTERNAL PRESSURE. COOL WITH WATER. DURING A FIRE, IRRITATING GASES MAY BE GENERATED.

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

Spill Release Procedures:COVER SPILLS WITH ABSORBENT CLAY OR SAWDUST AND PLACE IN CLOSED CHEMICAL WASTE CONTAINERS.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED AREA. TRANSFER: CONTAINERS SHOULD BE SUPPROTED AND GROUNDED BEFORE OPENING, DISPENSING, MIXING, POURING. AND EMPTYING.

Other Precautions:ATTENTION! THIS CONTAINER HAZARDOUS WHEN EMPTY.FOLLOW LABEL WARNINGS EVEN AFTER CONTAINER IS EMPTIED SINCE EMPTY CONTAINERS MAY RETAIN PRODUCT RESIDUES. DO NOT USE HEAT, SPARKS, OPEN FLAMES, TORCHES, CIGARETTE S ON OR NEAR EMPTY CONTAINER.

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

Respiratory Protection:WEAR NIOSH/MSHA APPROVED EQUIPMENT.

Ventilation:LOCAL EXHAUST VENTILATION IS RECOMMENDED.

Protective Gloves:WEAR PROTECTIVE CLOTHING AND APPROPRIATE IMPERVIOUS GLOVES.

Eye Protection:WEAR CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:NONE

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING, ESPECIALLY BEFORE EATING, DRINKING, SMOKING, AND USING RESTROOM

FACILITIES.
Supplemental Safety and Health
NONE

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

Boiling Pt:B.P. Text:NONE
Melt/Freeze Pt:M.P/F.P Text:NONE
Decomp Temp:Decomp Text:NONE
Spec Gravity:1.62
Solubility in Water:INSOLUBLE
Appearance and Odor:WHITE LIQUID MERCAPTAN
Percent Volatiles by Volume:90%

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

Stability Indicator/Materials to Avoid:YES
OXIDIZERS. REDUCERS. ACIDS, STRONG BASES.
Stability Condition to Avoid:HIGH TEMPERATURES.
Hazardous Decomposition Products:SMOKE, SOOT, AND TOXIC/IRRITATING FUMES (I.E. CARBON DIOXIDE, CARBON MONOXIDE, ETC.).
Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:WHEN A DECISION IS MADE TO DISCARD THIS MATERIAL AS SUPPLIDE, IT MEETS RCRA'S CHARACTERISTIC DEFINITION OF IGNITABILITY.

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

SARA Title III Information:SECTION 311/312-HAZARD CATEGORIES: Y-FIRE HAZARD: N-SUDDEN RELEASE OF PRESSURE HAZARD: N-REACTIVITY HAZARD: Y-IMMEDIATE (ACUTE) HEALTH HAZARD: Y-DELAYED (CHRONIC) HEALTH HAZARD:Federal Regulatory Information:NONE
State Regulatory Information:

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

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