

ADVANCED CHEMISTRY & TECHNOLOGY -- MC-275 CLASS B BASE -- 8030-00-602-0039

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Product Identification
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Product ID:MC-275 CLASS B BASE

MSDS Date:09/18/1998

FSC:8030

NIIN:00-602-0039

Status Code:A

MSDS Number: CLRSH

=== 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:1-800-424-9300

Preparer's Name:ERNEST CARTER

Chemtrec Ind/Phone:(800)424-9300

CAGE:1DWR5

=== Contractor Identification ===

Company Name:ADVANCED CHEMISTRY & TECHNOLOGY

Address:7341 ANACONDA AVE

Box:City:GARDEN GROVE

State:CA

ZIP:92841-2921

Country:US

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CAGE:1DWR5

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Composition/Information on Ingredients
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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: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 DIOXIDE
CAS:13463-67-7
RTECS #:XR2275000
= Wt:2.5
OSHA PEL:15 MG/M3
ACGIH TLV:10 MG/M3

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health

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

Medical Cond Aggravated by Exposure:LUNGS AND RESPIRATORY SYSTEM.
TREATMENT SHOULD BE DIRECTED AT PREVENTING ABSORPTION, ADMINISTERING TO SYMPTOMS AND PROVIDING SUPPORTIVE THERAPY.

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

First Aid:EYE CONTACT: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION. SKIN CONTACT: IMMEDIATELY FLUSH WITH WATER. REMOVE CONTAMINATED CLOTHING AND SHOES. GET MEDICAL ATTENTION. INHALATION (BREATHING): REMOVE TO FRESH AIR. IF SYMPTOMS DEVELOP, SEEK IMMEDIATE MEDICAL ATTENTION. INGESTION (SWALLOWING): SEEK MED

ICAL ATTENTION. IMMEDIATELY INDUCE
VOMITING, AS DIRECTED BY MEDICAL PERSONNEL. NEVER GIVE ANYTHING BY
MOUTH TO AN UNCONSCIOUS PERSON.

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

Flash Point Method:SCC

Flash Point:>93.3C, 200.F

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

Fire Fighting Procedures:FIRE FIGHTERS 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.

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

Spill Release Procedures:ISOLATE HAZARD AREA. KEEP UNNECESSARY AND
UNPROTECTED PERSONNEL FROM ENTERING. 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.
APPROPRIATE SAFETY MEASURES AND PROTECTIVE EQUIPMENT SHOULD BE
USED. USE SUPPLIED AIR RESPIRATOR OR SELF CONTAINED BREATHING
APPARATUS IN ENCLOSED SPACES OR I

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

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED
AREA. TRANSFER: NO SPECIAL PRECAUTIONS ARE NEEDED
. FOLLOW GOOD

MANUFACTURING AND HANDLING PRACTICES.

Other Precautions:ATTENTION ! THIS CONTAINER CAN BE HAZARDOUS WHEN
EMPTY. FOLLOW LABEL WARNINGS EVEN AFTER CONTAINER IS EMPTIED SINCE
EMPTY CONTAINERS MAY RETAIN PRODUCT RESIDUES. DO NOT REUSE EMPTY
CONTAINER WITHOUT PROFESSIONAL CLEANING FOR FOOD, CLOTHING, OR
PRODUCTS FOR HUMAN OR ANIMAL CONSUMPTION OR WHERE SKIN CONTACT
OCCUR.

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

Respiratory Protecti

on: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).

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. WASH CONTAMINATED GOGGLES, FACE SHIELD, AND GLOVES.

Supplemental Safety and Health

ATTENTION! THIS CONTAINER CAN BE HAZARDOUS WHEN EMPTY. FOLLOW LABEL WARNINGS EVEN AFTER CONTAI

NER IS EMPTIED SINCE EMPTY CONTAINERS MAY

CONTAIN PRODUCT RESIDUES. DO NOT REUSE EMPTY CONTAINER WITHOUT P ROFESSIONAL CLEANING FOR FOOT, CLOTHING, OR PRODUCTS FOR HUMAN OR ANIMAL CONSUMPTION.

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

Spec Gravity:1.61

Solubility in Water:INSOLUBLE

Appearance and Odor:OFF WHITE PASTE SULFIDE.

Percent Volatiles by Volume:97%

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

Stability Indicator/Materials

to Avoid:YES

OXIDIZERS, REDUCERS, ACIDS.

Stability Condition to Avoid:NOT APPLICABLE.

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

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

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: REPEATED EXPOSURE TO DUSTS CAN LEAD TO PARTICULATE DEPOSITION IN THE LUNGS (E.G., PNEUMOCONIOSIS).

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

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS. GENERAL STATEMENTS: FEDERAL REGULATIONS MAY APPLY TO EMPTY CONTAINER. STATE AND/OR LOCAL REGULATIONS MAY BE DIFFERENT.

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

State Regulatory Information:PENNSYLVANIA-NEW JERSEY R-T-K
LIMESTONE__1317-65-3 --38.5 CALCIUM CARBONATE__471-34-1--3
TITANIUM DIOXIDE__13463-67-7--2.5 FORMALDEHYDE ---50-00-0-----