

ADVANCED CHEMISTRY & TECHNOLOGY -- AC-615 CLASS B BASE -- 8030-00-680-2041
===== Product Identification =====

Product ID:AC-615 CLASS B BASE
MSDS Date:04/05/1999
FSC:8030
NIIN:00-680-2041
Status Code:A
MSDS Number: CLGPQ
=== 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:RYAN MICKELSON
CAGE:1DWR5
=== Contractor Identification ===
Company Name:ADVANCED CHEMISTRY & TECHNOLOGY
Address:7341 ANACONDA AVE
Box:City:GARDEN GROVE
State:CA
ZIP:92841-2921
Country:US
Phone:714-373-2837
CAGE:1DWR5

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

Ingred Name:LIMESTONE
CAS:1317-65-3
RTECS #:EV9580000
= Wt:36.
OSHA PEL:15 MG/M3
ACGIH TLV:10 MG/M3

Ingred Name:STRONTIUM CHROMATE
CAS:7789-06-2
RTECS #:GB324000

0

= Wt:3.6

OSHA PEL:SEE TABLE Z-2

ACGIH TLV:0.0005 MG/M3

EPA Rpt Qty:10 LBS

DOT Rpt Qty:10 LBS

Ingred Name:AROMATIC CARBOXYLIC ESTER

= Wt:1.6

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

= Wt:0.

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Health Hazards Acute and Chronic:EMERGENCY OVERVIEW: MAY CAUSE ALLERGIC SKIN REACTION AND SENSITIZATION. CAUSES SEVERE EYE IRRITATION. CAUSES

SEVERE SKIN IRRITATION. CAUSES SEVERE DIGESTIVE TRACT IRRITATION. MAY CAUSE RESPIRATORY TRACT IRRITATION. INGESTION MAY CAUSE NAUSEA, VOMITING, PAIN, UPSET STOMACH, DIARRHEA.

Effects of Overexposure:EYE CONTACT: CAUSES SEVERE IRRITATION. CAN CAUSE BURNING SENSATION, TEARING, AND REDNESS. SKIN CONTACT: CAUSES SEVERE IRRITATION. MAY CAUSE ALLERGIC SKIN REACTIONS AND SENSITIZATION. INHALATION: IRRITATING TO THE EYES, NOSE, AND RESPIRATORY TRACT. INGESTION: SEVERELY IRRI

TATING TO THE MOUTH , THROAT, AND STOMACH. MAY CAUSE NAUSEA, VOMITING, PAIN, AND STOMACH UPSET.

Medical Cond Aggravated by Exposure:LIVER, KIDNEYS, BLOOD AND/OR BLOOD FORMING ORGANS. LUNGS AND RESPIRATORY SYSTEM. IMMUNE SYSTEMS AND/OR SPECIFIC CHEMICAL ALLERGIES.

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

First Aid:EYE CONTACT: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET IMMEDIATE MEDICAL ATTENTION. SKIN CONTACT: IM

MEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. FOR LARGE EXPOSURES USE AN EMERGENCY SHOWER. REMOVE CONTAMINATED CLOTHING AND SHOES. GET IMMEDIATE MEDICAL ATTENTION. PROFESSIONALLY WASH CLOTHING BEFORE RE-USE. INHALATION: REMOVE TO FRESH AIR. IF SYMPTOMS DEVELOP, SEEK IMMEDIATE MEDICAL ATTENTION. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. DIRECT TREATMENT AT PREVENTING ABSORPTION, ADMINISTERING TO SYMPTOMS, SUPPORTIVE THERAPY. INGESTION: INDUCE VO

MITING. SEEK PHYSICIAN.

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Fire Fighting Measures
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Extinguishing Media:SMALL FIRES: DRY CHEMICAL OR CARBON DIOXIDE. LARGE FIRES: WATER SPRAY, FOG, OR 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 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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Accidental Release Measures
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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 A BARRIER. STOP MATERIAL FROM CONTAMINATING SOIL, OR FROM ENTERING SEWERS OR BODIES OF WATER. CLEAN-UP/PERSONAL PROTECTION EQUIPMENT: APP

APPROPRIATE SAFETY MEASURES AND PROTECTIVE EQUIPMENT SHOULD BE USED. USE SUPPLIED AIR RESPIR

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Handling and Storage
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Handling and Storage Precautions:STORAGE CONDITIONS: STORE IN A COOL, DRY, WELL VENTILATED AREA. TRANSFER: NO SPECIAL PRECAUTIONS ARE NEEDED. FOLLOW GOOD MANUFACTURING AND HANDLING PRACTICES. PERSONAL HYGIENE: WASH THOROUGHLY AFTER HANDLING, ESPECIALLY BEFORE EATING, DRINKING, SMOKING, AND USING RESTROOM FACILITIES. W

ASH CONTAMINANT

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 CONTAINERS WITHOUT PROFESSIONAL CLEANING FOR FOOD, CLOTHING, OR PRODUCTS FOR HUMAN OR ANIMAL CONSUMPTION OR WHERE SKIN CONTACT CAN OCCUR.

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Exposure Controls/Personal Protection
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Respiratory Protection:AVOID BREATHING VAPOR AND/OR MISTS

. INDUSTRIAL

HYGIENE CONSULTATION IS RECOMMENDED BECAUSE AIRBORNE EXPOSURE LEVELS VARY DEPENDING ON THE NATURE OF THE OPERATION PERFORMED. WEAR NIOSH/MSHA APPROVED EQUIPMENT. DETERMINE THE APPROPRIATE TYPE BY CONSULTING THE RESPIRATOR MANUFACTURER. HIGH AIRBORNE CONCENTRATIONS MAY NECESSITATE THE USE OF SELF-CONTAINED BREATH

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

Protective Gloves: IMPERVIOUS GLOVES, GLOVE MANUFACTURER TO DETERMINE PROPER TYPE.

Eye Protection: CHEMICAL SPLASH GOGGLES AND FULL FACE SHIELD.

Supplemental Safety and Health

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

Spec Gravity: 1.53

Appearance and Odor: RED PASTE SULFIDE ODOR

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

Stability Indicator/Materials to Avoid: YES
OXIDIZERS, REDUCERS, STRONG BASES, ACIDS.

Stability Condition to Avoid: NOT APPLICABLE.

Hazardous Decomposition Products: HAZARDOUS COMBUSTION AND DECOMPOSITION: SMOKE, SOOT, TOXIC FUMES (CARBON DIOXIDE, CARBON MONOXIDE), FORMALDEHYDE, ALDEHYDES, OXIDES OF SULFUR.

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

Toxicological Information: LIMESTONE: REPEATED EXPOSURE TO DUSTS CAN LEAD TO PARTICULATE DEPOSITION IN THE LUNGS. CAN CONTAIN TRACE AMOUNTS OF CRYSTALLINE SILICA AS AN IMPURITY. STRONTIUM CHROMATE: CAN CAUSE LIVER AND KIDNEY

INJURY. POSSIBLE SKIN AND RESPIRATORY SENSITIZER. PENETRATING SLOW HEALING ULCERS MAY OCCUR AFTER CONTACT WITH NON-INTACT SKIN OR MUCOUS MEMBRANES. CHROMATE DUSTS HAVE BEEN SHOWN TO CAUSE LUNG AND OTHER CANCERS IN HUMANS AND LABORATORY ANIMALS. AROMATIC CARBOXYLIC ESTER: DNIP ADMINISTERED TO RATS CAUSED LIVER ENLARGEMENT AND TUMORS OF THE LIVER AND TESTES.

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

Waste Disposal Methods: DISPOSAL: DISPOSE IN A

CONCORDANCE WITH ALL LOCAL,
STATE, AND FEDERAL REGULATIONS. THE TOXICITY CHARACTERISTIC (TC)
HAS NOT BEEN EVALUATED BY THE TOXICITY CHARACTERISTIC LEACHING
PROCEDURE (TCLP). GENERAL STATEMENTS: FEDERAL REGULATIONS MAY
APPLY TO EMPTY CONTAINER. STATE AND/OR LOCAL REGULATIONS MAY BE
DIFFERENT. GENERAL RECOMMENDATIONS: OF THE METHOD

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

SARA Title III Information:SECTION 311/312-HAZARD CATEGORIES: N-FIRE
HAZARD

D, N-SUDDEN RELEASE OF PRESSURE HAZARD, N-REACTIVITY HAZARD,
Y-IMMEDIATE HEALTH HAZARD, Y-DELAYED HEALTH HAZARD.

Federal Regulatory Information:SARA 302 EXTREMELY HAZARDOUS MAT-NO
REGULATED INGREDIENTS. SARA SECTION 313 TOXIC CHEMICALS . STONTIUM
CHROMATE: CHROMIUM COMPOUNDS.

State Regulatory Information:PENNSYLVANIA-NEW JERSEY R-T-K LIMESTONE
1317-65-3 30-40

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