

ADVANCED CHEMISTRY & TECHNOLOGY -- AC-615 CLASS A BASE -- 8030-00-291-8380

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

Product ID:AC-615 CLASS A BASE

MSDS Date:06/17/1999

FSC:8030

NIIN:00-291-8380

Status Code:A

MSDS Number: CLGJY

=== 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: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

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

Ingred Name:LIMESTONE

CAS:1317-65-3

RTECS #:EV9580000

= Wt:31.

OSHA PEL:15 MG/M3

ACGIH TLV:10 MG/M3

Ingred Name:TOLUENE

CAS:108-88-3

RTECS #:XS5250000

= Wt:13.

OSHA PEL:SEE TABLE Z-2
ACGIH TLV:188 MG/M3;50 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:STRONTIUM CHROMATE
CAS:7789-06-2
RTECS #:GB3240000
= Wt:3.

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:1.4

Ingred Name:NON-HAZARDOUS AND OTHER INGREDIENTS BELOW REPORTABLE LEVELS
= Wt:0.

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

Reports of Carcinogenicity:NTP:UNKNOWN IARC:YES

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Health Hazards Acute and Chronic:EMERGENCY OVERVIEW: FLAMMABLE LIQUID AND VAPOR. MAY CAUSE ALLERGIC SKIN REACTION AND SENSITIZATION. CAUSES SEVERE EYE IRRITATION. CAUSES SEVERE SKIN IRRITATION. CAUSES SEVERE DIGESTIVE TRACT IRRITATION . INHALATION MAY CAUSE DIZZINESS, HEADACHE AND INCOORDINATION. INGESTION CAN CAUSE DIZZINESS, FAINTNESS, HEADACHE, AND INCOORDINATION. MAY CAUSE REPIRATORY TRACT IRRITATION. INGESTION MAY CAUSE NAUSEA , VOMITING, PAIN, UPSET STOMACH, DIARR

HEA, INHALATION MAY CAUSE NAUSEA, VOMITING, UPSET STOMACH, PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION.

Explanation of Carcinogenicity:STRONTIUM CHROMATE

Effects of Overexposure:EYE CONTACT: SEVERE IRRITATION. BURNING SENSATION, TEARING, REDNESS. SKIN CONTACT: SEVERE IRRITATION. PROLONGED OR REPEATED CONTACT MAY DRY THE SKIN AND LEAD TO IRRITATION. MAY BE ABSROBED THROUGH THE S KIN. MAY CAUSE ALLERGIC SKIN REACTIONS. INHALATION: IRRITATING TO THE EYES, N

OSE AND

RESPIRATORY TRACT. CAN CAUSE DIZZINESS, HEADACHES, AND INCOORDINATION. NAUSEA VOMITING AND STOMACH UPSET CAN OCCUR. INGESTION: SEVERELY IRRITATING TO THE MOUTH, THROAT, AND STOMACH. MAY CAUSE NAUSEA. VOMITING, PAIN, AND STOMACH UPSET. CAN CAUSE DIZZINESS, FAINTNESS, HEADACHE, AND INCOORDINATION.

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

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First Aid Measures
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First Aid:EYE CONTACT: IMMEDIATLEY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MIN. GET IMMEDIATE MEDICAL ATTENTION. SKIN CONTACT: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MIN. FOR LARGE EXPOSURES USE AN EMERGENCY SHOWER. REMOVE CONTAMINATED CLOTHING AND SHOES. GET IMMEDIATE MEDICAL ATTENTION. PROFESSIONALLY WASH CLOTHING BEFORE REUSE. INHALATION: REMOVE TO RESH AIR. I

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SYMPTOMS DEVELOP, SEEK M EDICAL ATTENTION. IF NOT BREATHING ARTIFICIAL RESPIRATION. INGESTION: SEEK MEDICAL ATTENTION. IMMEDIATELY INDUCE VOMITING, AS DIRECTED BY MEDICAL PERSONEL. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIO US PERSON.

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Fire Fighting Measures
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Flash Point Method:SCC

Flash Point:=32.7C, 90.9F

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

Fire Fighting Pr

ocedures: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:HIGH TEMPERATURES CAN CAUSE SEALED CONTAINERS TO RUPTURE DUE TO BUILD UP OF INTERNAL PRESSURE. COOL WITH WATER. VAPORS CAN TRAVEL TO A SOURCE OF IGNITION AND FLASH BACK. 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. ELIMINATE ALL SOURCES OF IGNITION. 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.

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

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Handling and Storage Precautions: STORAGE CONDITIONS: STORE IN A COOL, DRY, WELL VENTILATED AREA AWAY FROM HEAT, IGNITION SOURCES, AND DIRECT SUNLIGHT. KEEP CONTAINERS TIGHTLY CLOSED. WARNING: HOT ORGANIC CHEMICAL VAPORS OR MISTS CAN SUDDENLY AND WITHOUT WARNING COMBUST WHEN MIXED WITH AIR. IGNITION CAN OCCUR AT TYPICAL ELEVATED OTHER PRECAUTIONS: TRANSFER: CONTAINERS SHOULD BE SUPPORTED AND GROUNDED BEFORE OPENING, DISPENSING, MIXING, POURING, AND EMPTYING. OPEN

WITH NON SPARKING TOOLS. IF CONTAINER IS WARM, OPEN BUNG SLOWLY TO RELEASE PRESSURE. EMPTY CONTAINER PRECAUTIONS: THIS CONTAINER HAZARDOUS WHEN EMPTY. FOLLOW LABEL WARNINGS EVEN AFTER CONTAINER IS EMPTY

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

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 RESPIRATOR.

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, NEOPRENE GLOVES, BUTYL RUBBER GLOVES.

Eye Protection: WEAR CHEMICAL SPLASH GOGGLES AND FULL FACE SHIELD.

Other Protective

Equipment:WEAR PROTECTIVE CLOTHING

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

Supplemental Safety and Health

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

Spec Gravity:1.47

VOC Pounds/Gallon:192

VOC Grams/Liter:1.6

Appearance and Odor:RED LIQUID SULFIDE ODOR.

Percent Volatiles

by Volume:87

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

OXIDIZERS, REDUCERS, ACIDS, STRONG BASES.

Stability Condition to Avoid:STABLE UNDER NORMAL CONDITIONS OF USE.

CONDITIONS TO AVOID: HIGH TEMPERATURES.

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

Conditions to Avoid Polymerization:HIGH TEMPERATURES

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

Toxicological Information:LIMESTONE: REPEATED EXPOSURE TO DUSTS CAN LEAD TO PARTICULATE DECOMPOSITION IN THE LUNGS. CAN CONTAIN TRACE AMOUNTS OF CRYSTALLINE SILICA AS AN IMPURITY.TOLUENE ORAL LD50 RAT 5,000 MG/KG DERMAL LD50 R ABBIT 12,124 MG/KG INHALATION: LC50 MOUSE 5,320 PPM/8-HOURS. STONTIUM CHROMATE: CAN CAUSE LIVER AND KIDNEY INJURY. POSSIBLE SKIN AND RESPIRATORY SENSITIZED. PENETRATING SLOW HEALING ULCERS MAY OCCUR A F
TER CONTACT WITH NON INTACT SKIN OR
MUCOUS MEMBRANES. CHROMATE DUSTS HAVE BEEN SHOWN TO CAUSE LUNG AND OTHER CANCERS IN HUMANS AND LABORATORY ANIMALS. ORAL LD50 RAT 3,118 MG/KG AROMATIC CARBOXYLIC ES TER: DINP ADMINISTERED

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

Waste Disposal Methods:STOP DISCHARGE, IF SAFE TO DO SO. USE PROPER PROTECTIVE EQUIPMENT. USE NON-SPARKING TOOLS AND/OR EXPLOSION PROOF EQUIPMENT. STOP IGNITION SOURCES. COVER SPILLS WITH

ABSORBANT CLAY

OR SAWDUST AND PLACE IN CLOSED CHEMICAL WASTE CONTAINERS. DISPOSE OF ACCORDING TO APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.

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Regulatory Information
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SARA Title III Information: THIS PRODUCT IS CONSIDERED HAZARDOUS UNDER THE OSHA HAZARD COMMUNICATION STANDARD SARA TITLE III-SECTION 311/312-HAZARD CATEGORIES: Y-FIRE HAZARD N-SUDDEN RELEASE OF PRESSURE HAZARD N-REACTIVITY HAZARD Y-IMMEDIATE HEALTH HAZARD

Y-DELAYED HEALTH HAZARD. OSHA-DEPLETING CHEMICALS. NO REGULATED INGREDIENTS. SARA SECTION 302 EXTREMELY HAZARDOUS MAT-NO REGULATED INGREDIENTS SARA SECTION 313 TOXIC CHEMICALS TOLUENE STRONTIUM CHROMATE CHROMIUM COMPOUNDS TSCA SECTION 8 DATA REPORTING RULE TOLUENE

State Regulatory Information: CALIFORNIA PROPOSITION 65 THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM. CANADA: THIS IS A CON

TROLLED PRODUCT UNDER THE CANADIAN WORKPLACE HAZARDOUS MATERIAL INFORMATION SYSTEM.

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Other Information
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