ADVANCED CHEMISTRY & TECHNOLOGY -- AC-236 CLASS A BASE -- 8030-01-386-3656

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

Product ID:AC-236 CLASS A BASE
MSDS Date:04/01/1999
FSC:8030
NIIN:01-386-3656
Status Code:A
Kit Part:Y
MSDS Number: CLNBJ
=== Responsible Party ===
Company Name:ADVANCED CHEMISTRY & TECHNOLOGY
Address:7341 ANACONDA AVE
City:GARDEN GROVE
State:CA
ZIP:92841-2921
Country:US
Info Phone Num:71
4-373-2837
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
Phone:714-373-2837
CAGE:1DWR5

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

Ingred Name:LIMESTONE
CAS:1317-65-3
RTECS #:EV9580000
Minumum % Wt:30.
Maxumum % Wt:40.
OSHA PEL:15 MG/M3
ACGIH TLV:1

0 MG/M3

Ingred Name:TOLUENE
CAS:108-88-3
RTECS #:XS5250000
Minumum % Wt:10.
Maxumum % Wt:20.
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:CALCIUM CARBONATE
CAS:471-34-1
RTECS #:FF9335000
Minumum % Wt:1.
Maxumum % Wt:5.

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:FORMALDEHYDE
CAS:50-00-0
RTECS #:LP8925000
< Wt:.1
OSHA PEL:SEE 1910.104
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ACGIH STEL:C0.37 MG/M3;C0.3 PPM
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE CONTACT: CAUSES SEVERE IRRITATION.CAN CAUSE BURNING SENSATION, TEARING, AND REDNESS.SKIN CONTACT: MAY CAUSE SLIGHT TO MILD IRRITATION.PROLONGED OR REPEATED CONTACT MAY DRY THE SKIN AND LEAD TO IRR

ITATION MAY BE ABSORBED
THROUGH THE SKIN. INHALATION: IRRITATION TO THE EYES, NOSE, AND RESPIRATORY TRACT. CAN CAUSE DIZZINESS, HEADACHES, AND INCOORDINATION, NAUSEA, VOMITING, AND STOMACH UPSET CAN O CCUR. INGESTION:(SWALLOWING): IRRITATION TO THE MOUTH, THROAT, AND STOMACH, MAY CAUSE NAUSEA, VOMITING, PAIN, AND STOMACH UPSET CAN CAUSE DIZZINESS, FAINTNESS, HEADACHE, AND INCOORDINATION. TARGET ORG ANS/CHRONIC EFFECTS: LIVER, KIDNEYS, EYE
Medical Cond Aggravated by E
xposure:NERVOUS SYSTEM, SKIN.

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

First Aid:EYE CONTACT: FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION. SKIN CONTACT: FLUSH WITH WATER. REMOVE CONTAMINATED CLOTHING AND SHOES. INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION. INGESTION: SEEK MEDICAL ATTENTION. IMMEDIATELY INDUCE VOMITING AS DIRECTED BY MEDICAL PERSONNEL. NEV
ER GIVE ANYTHING BY
MOUTH TO UNC ONSCIOUS PERSON.

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

Flash Point Method:SCC
Flash Point:>32.8C, 91.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 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. HIGH TEMPERATURES CAN CAUSE SEALED CONTAINERS TO RUPTURE DIE TO A BUILD UP OF INTERNAL PRESSURE.

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

Spill Release Procedures:ISOLATE HAZARD AREA. KEEP UNNECESSARY AND UNPROTECTED PERSONNEL FROM ENTERING. ELIMINATE ALL SOURCES OF IGN

ITION.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. USE SCBA IN CONFINED SPACES. NON-SPARKING TOOLS AND/OR EXPLOSION PROOF EQUIPMENT. STOP IGNITION SOURCES. COVER SPILLS WIT
Neutralizing Agent:ABSORBANT CLAY OR SAWDUST.

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

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED AREA
AWAY FROM HEAT, IGNITION SOURCES, AND SUNLIGHT. KEEP CONTAINERS TIGHTLY CLOSED. CONTAINERS SHOULD BE SUPPORTED AND GROUNDED BEFORE OPENING, DISPENSING, MIXING, POURING, AND EMPTYING.
Other Precautions:THIS CONTAINER CAN BE HAZARDOUS WHEN EMPTY. FOLLOW LABEL WARNINGS EVEN AFTER CONTAINER IS EMPTIED SINCE EMPTY CONTAINERS MAY RETAIN PRODUCT RESIDUES.

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

Respiratory Protection: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.
Ventilation:LOCAL EXHAUST VENTILATION IS RECOMMENDED WHEN VAPORS EXCEED EST EXPOSURE LIMITS.
Protective Gloves:WEAR PROTECTIVE CLOTHING AND APPROPRIATE IMPERVIOUS GLOVES.
Eye Protection:WEAR CHEMICAL SPLASH GOGGLES OR SAFETY GLASSES WITH SIDE SHIELDS.
Supplemental S
afety and Health

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

Spec Gravity:1.31
VOC Pounds/Gallon:183
VOC Grams/Liter:1.5
Solubility in Water:INSOLUBLE
Appearance and Odor:OFF-WHITE PASTE/LIQUID SULFIDE
Percent Volatiles by Volume:87%

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

Stability Indicator/Materials to Avoid:YES
OXIDIZERS. REDUCERS. STRONG BASES. ACIDS.
Stability Condition to Avoid:HIGH TEMPERATURES.
Hazardous Decomposition Products:SMO

KE, SOOT, AND TOXIC/IRRITATING
FUMES (I.E., CARBON DIOXIDE, CARBON MONOXIDE, ETC.) FORMALDEHYDE AND/OR OTHER ALDEHYDES. OXIDES OF SULFUR. HYDROGEN SULFIDE. LOW MOLECULAR WEIGHT HYDROCARBONS.
Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Toxicological Information:COMPONENTS: LIMESTONE: REPEATED EXPOSURE TO DUST CAN LEAD TP PARTICULATE DEPOSITION IN THE LUNGS (I.E., PNEUMOCONIOSIS). CAN CONTAIN TRACE AMOU
NTS OF CRYSTALLINE SILICA AS
AN IMPURITY.

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

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

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

State Regulatory Information:

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

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