

ADVANCED CHEMISTRY & TECHNOLOG -- AC-236 ACCELERATOR

MSDS Safety Information

FSC: 8030  
NIIN: 00-723-2746  
MSDS Date: 08/26/2000  
MSDS Num: CLBNZ  
Product ID: AC-236 ACCELERATOR  
MFN: 01  
Kit Part: Y  
Responsible Party  
Cage: 1DWR5  
Name: ADVANCED CHEMISTRY & TECHNOLOGY  
Address: 7341 ANACONDA AVE  
City: GARDEN GROVE CA 92841-2921  
Info Phone Number: 714-373-2837  
Emergency Phone Number: 1-800-424-9300  
Chemtrec IND/Phone: (800)424-9300  
Proprietary Ind: Y  
Review Ind: Y  
Published: Y

Contractor Summary

Cage: 1DWR5  
Name: ADVANCED CHEMISTRY & TECHNOLOGY  
Address: 7341 ANACONDA AVE  
City: GARDEN GROVE CA 92841-2921  
Phone: 714-373-2837

Item Description Information

Item Manager: GSA  
Item Name: SEALING COMPOUND  
Specification Number: MIL-S-8802F  
Type/Grade/Class: TYPE 2; CLASS B-2  
Unit of Issue: KT  
UI Container Qty: 1  
Type of Container: METAL

Ingredients

Name: \*\*\* PROPRIETARY \*\*\*

=====

Health Hazards Data

=====

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: EYE CONTACT: MAY CAUSE MODERATE IRRITATION. SKIN CONTACT: MAY CAUSE SLIGHT TO MILD IRRITATION. MAY CAUSE ALLERGIC SKIN REACTIONS AND SENSITIZATION. INHALATION: (BREATHING): IRRITATING TO THE EYES, NOSE, AND RESPIRATORY TRACT. INGESTION(SWALLOWING): IRRITATING TO THE MOUTH, THROAT,

AND STOMACH. TARGET ORGANS/CHRONIC EFFECTS: LIVER, KIDNEYS, NERVOUS SYSTEM, BLOOD-FORMING ORGANS. LUNGS AND RESPIRATORY SYSTEM. REPRODUCTIVE SYSTEM (AND REPRODUCTIVE EFFECTS). EYES, SKIN, IMMUNE SYSTEM (E.G. ALLERGIC REACTIONS).

Signs And Symptoms Of Overexposure: INHALATION (BREATHING): CAN CAUSE DIZZINESS, HEADACHES, AND INCOORDINATION. INGESTION (SWALLOWING): MAY CAUSE NAUSEA, VOMITING, PAIN, AND STOMACH UPSET (E.G. DIARRHEA).

Medical Cond Aggravated By Exposure: LIVER, KIDNEYS, LUNGS AND RESPIRATORY

SYSTEM. SKIN. IMMUNE SYSTEMS AND/OR SPECIFIC CHEMICAL ALLERGIES.

First Aid: EYE CONTACT: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. SKIN CONTACT: IMMEDIATELY FLUSH WITH WATER. REMOVE CONTAMINATED CLOTHING AND SHOES. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. PROFESSIONALLY WASH CLOTHING AND SHOES BEFORE RE-USE. INGESTION: (SWALLOWING): SEEK IMMEDIATE MEDICAL ATTENTION. IMMEDIATELY

INDUCE VOMITING, AS DIRECTED BY MEDICAL PERSONNEL.

NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. NOTE TO PHYSICIANS: TREATMENT SHOULD BE DIRECTED AT PREVENTING ABSORPTION, ADMINISTERING TO SYMPTOMS (IF THEY OCCUR), & PROVIDING SUPPORTIVE THERAPY.

=====

Handling and Disposal

=====

Spill Release Procedures: EVACUATION: ISOLATE HAZARD AREA. KEEP UNNECESSARY AND UNPROTECTED PERSONS

AWAY FROM ENTERING. 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.

Waste Disposal Methods: STOP DISCHARGE. IF SAFE TO DO SO. USE PROPER PROTECTIVE EQUIPMENT. COVER SPILLS WITH ABSORBENT DRY OR SAW DUST AND PLACE IN CLOSED CHEMICAL WASTE CONTAINERS. DISPOSE OF ACCORDING TO APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

Handling And Storage Precautions: STORE

IN A COOL, DRY, WELL VENTILATED AREA  
AWAY FROM HEAT, IGNITION SOURCES AND DIRECT SUNLIGHT. KEEP CONTAINER TIGHTLY  
CLOSED. TRANSFER: NO SPECIAL PRECAUTIONS ARE NEEDED. FOLLOW GOOD MANUFACTURING  
& HANDLING PRACTICES.

Other Precautions: EMPTY CONTAINERS: ATTENTION! THIS CONTAINER CAN BE HAZARDOUS  
WHEN EMPTY. FOLLOW LABEL WARNINGS EVEN AFTER CANS IS EMPTIED SINCE EMPTY CANS  
MAY RETAIN PRODUCT RESIDUES. DO NOT REUSE EMPTY CONTAINER WIT HOUT  
PROFESIONAL CLEANING FOR FOOD, CLOTHING, OR  
PRODUCTS FOR HUMAN OR ANIMAL  
CONSUMPTION OR SKIN CONTACT CAN OCCUR.

=====  
Fire and Explosion Hazard Information  
=====

Flash Point: =93.3C, 200.F

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

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

ULD BE EQUIPPED WITH NIOSH-APPROVED POSITIVE  
PRESSURE SELF-CONTAINED BREATHING APPARATUS (SCBA) AND FULL PROTECTIVE  
CLOTHI NG.

Unusual Fire/Explosion Hazard: DURING A FIRE, IRRITATING AND HIGHLY TOXIC GASES  
MAY BE GENERATED DURING COMBUSTION OR DECOMPOSITION.

=====  
Control Measures  
=====

Respiratory Protection: AVOID BREATHING VAPOR AND/OR MISTS. WEAR  
NIOSH/MSHA-APPROVED EQUIPMENT. DETER  
MINE THE APPROPRIATE TYPE BY CONSULTING

THE RESPIRATOR MANUFACTURER. HIGH AIRBORNE CONCENTRATIONS MAY NECESSITATE  
THE

USE O F 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: IMPERVIOLUS GLOVES.

Eye Prot

ection: WEAR CHEMICAL SPLASH GOGGLES. AN EYE WASH FACILITY SHOULD BE  
READILY AVAILABLE.

Other Protective Equipment: WEAR PROTECTIVE CLOTHING AND APPROPRIATE IMPERVIOUS  
GLOVES. AN EYE WASH FACILITY SHOULD BE READILY AVAILABLE.

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

Supplemental Safety and Health: THIS

IS A TWO PART KIT CONSISTING OF AC-236  
ACCELERATOR AND AC-236 SEALING COMPOUND -BASE.

=====

Physical/Chemical Properties

=====

HCC: V4  
Vapor Pres: 0.1 MM HG  
Vapor Density: >1  
Spec Gravity: 2.1  
Solubility in Water: INSOLUBLE  
Appearance and Odor: BLACK, PASTE ODOR DISTINCT  
Percent Volatiles by Volume: 100

=====

Reactivity Data

=====

Stability Indicator: YES  
Stability Condition To Avoid: HIGH TEMPERATURE.  
Materials To Avoid: OXIDIZERS, ACIDS.  
Hazardous Decomposition Products: SMOKE, SOOT, & TOXIC/IRRITATING FUMES (I.E.,  
CARBON DIOXIDE, CARBON MONOXIDE, ETC.) OXIDES OF NITROGEN, METALLIC OXIDES.  
Hazardous Polymerization Indicator: NO

=====

Toxicological Information

=====

Toxicological  
Information: MANGANESE OXIDE: EYE, SKIN, & RESPIRATORY TRACT  
IRRITANT. CAN CAUSE LIVER & KIDNEY INJURY. PERPHENYL, HYDROGENATED: ORAL  
LD50, RAT, 17,500 MG/KG. ORAL LD50, MOUSE, 12,500 MG/KG. DERMAL LD50, RABBIT,  
> 2,000 MG/KG. 1,3-DIPHENYLGUANIDINE: LD50, RAT, 507 MG/KG. ORAL LD50,  
MOUSE, 290 MG/KG. PERPHENYL, ORAL LD50, RAT, 13,200 MG/KG. ETHOXYLATED  
NONYLPHENOL PHOSPHATE: ORAL LD50, RAT, 3,500 MG/KG. SODIUM HYDROXIDE:  
CORROSIVE! CAUSES EYE & SKIN BURNS. DERMAL LD50  
, RABBIT, 1000 MG/KG.

=====

Ecological Information

=====

Ecological: NO DATA AVILABLE FOR THIS RRODUCT. REPORTING: SILLS OF THIS  
MATERIAL IN EXCESS OF A COMPONENT`S RQ MUST BE REPORTED TO THE NATIONAL  
RESPONSE CENTER (1-800-424-8802) & THE APPROPRIATE STATE & LOCAL EMER  
GENCY RESPONSE ORGANIZATION. SODIUM HYDROXIDE. RQ=1000 LBS.

=====

MSDS Transport Information

Regulatory Information

Sara Title III Information: SARA TITLE III-SECTION 311/312-HAZARD CATEGORIES: N-FIRE HAZARD, N-SUDDEN RELEASE OF PRESSURE HAZARD. N-REACTIVITY HAZARD. Y-IMMEDIATE (ACUTE) HEALTH HAZARD. Y-DELAYED (CHRONIC) HEALTH HAZARD. SARA SECTION 302 EXTREMELY HAZARDOUS MAT: NO REGULATED INGREDIENTS. SARA SECTION 313 TOXIC CHEMICALS: MANGANESE OXIDE.

Federal Regulatory Information: THIS PRODUCT IS CONSIDERED HAZARDOUS UNDER THE OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200). OZONE DEPLETING CHEMICAL-NO REGULATED INGREDIENTS. TOXIC SUBSTANCE CONTROL ACT: CHEMICAL COMPONENT (S) IN THIS PRODUCT ARE ON THE SECTION 8(B) CHEMICAL SUBSTANCE INVENTORY LIST (40 CFR 710).

State Regulatory Information: PENNSYLVANIA-NEW JERSEY R-T-K: MANGANESE OXIDE, 1313-13-9, 66.4. T

TERPHENYL, HYDROGENATED, 61788-32-7, 22.7. 1,3-DIPHENYLQUANIDINE, 102-06-7, 0.7. TERPHENYL, 26140-60-3, 4.8. ETHOXYLATED NONYLPHENOL P HOSPHATE, 51611-79-1, 2.9. SODIUM HYDROXIDE, 1310-73-2, 1.4. ENVIRONMENTAL HAZARD. NON-HAZARDOUS TRADE SECRET INGREDIENT(S), PROPRIETARY, BALANCE. CALIFORNIA-CALIFORNIA PROPOSITION 65-NO REGULATED INGREDIENTS.

Other Information

Other Information: CONEG-NO DATA AVILABLE. CANADA: THIS IS A "CONTROLLED PRODUCT" UNDER THE CANADIAN WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM \*W). CLASS D DIVISION 2 SUB0DIVISION A. CLASS D DIVISION 2 SUB-DI VISION B. CEPA-NPRI: MANGANESE OXIDE.

Transportation Information

Responsible Party Code: 1DWR5  
Trans ID NO: 156586  
Product ID: AC-236 ACCELERATOR  
MSDS Prepared Date: 08/26/2000  
Re

view Date: 04/09/2001  
MFN: 1  
Multiple KIT Number: 0  
Kit Part IND: Y  
Review IND: Y  
Unit Of Issue: KT  
Container QTY: 1  
Type Of Container: METAL

=====  
Detail DOT Information  
=====

DOT PSN Code: ZZZ  
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION  
=====

=====  
Detail IMO Information  
=====

==  
IMO PSN Code: ZZZ  
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION  
=====

=====  
Detail IATA Information  
=====

IATA PSN Code: ZZZ  
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION  
=====

=====  
Detail AFI Information  
=====

AFI PSN Code: ZZZ  
AFI Proper Shipping Name:  
NOT REGULATED BY THIS MODE OF TRANSPORTATION  
=====

=====  
HAZCOM Label  
=====

Product ID: AC-236 ACCELERATOR  
Cage: 1DWR5  
Company Name: ADVANCED CHEMISTRY & TECHNOLOGY  
Street: 7341 ANACONDA AVE  
City: GARDEN GROVE CA  
Zipcode: 92841-2921  
Health Emergency Phone: 1-800-424-9300  
Label Required IND: Y  
Date Of Label Review: 04/09/2001  
Status Code: A  
Origination Code: F  
Chronic Hazard IND: Y  
Eye Protection I

ND: YES

Skin Protection IND: YES

Signal Word: CAUTION

Respiratory Protection IND: YES

Health Hazard: Slight

Contact Hazard: Slight

Fire Hazard: Slight

Reactivity Hazard: None

Hazard And Precautions: EYE CONTACT: MAY CAUSE MODERATE IRRITATION. SKIN CONTACT: MAY CAUSE SLIGHT TO MILD IRRITATION. MAY CAUSE ALLERGIC SKIN REACTIONS AND SENSITIZATION. INHALATION: (BREATHING): IRRITATING TO THE EYES, NOS E, AND RESPIRATORY TRACT. INGESTION(SWALLOWING): IRRITATING TO THE MOUTH, THROAT, AND STOMA

CH. TARGET ORGANS/CHRONIC EFFCTS: LIVER, KIDNEYS, NERVOUS SYSTEM, BLOOD-FORMING ORGANS. LUNGS AND RESPIRATORY SYSTEM. REPRODUCTIVE SYSTEM (AND REPRODUCTIVE EFFECTS). EYES, SKIN, IMMUNE SYSTEM (E.G. ALLERGIC REACTIONS).

=====  
Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense.

The United States of America in no manner whatsoever expressl

y or implied

warrants, states, or intends said information to have any application, use or viability by or to any person or persons outside the Department of Defense nor any person or persons contracting with any instrumentality of the United States of America and disclaims all liability for such use. Any person utilizing this instruction who is not a military or civilian employee of the United States of America should seek competent professional advice to verify and assume respons

ibility for the suitability of this information to their

particular situation regardless of similarity to a corresponding Department of Defense or other government situation.