

ADVANCED CHEMISTRY & TECHNOLOGY -- AC-236 ACCELERATOR -- 8030-00-080-1549

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

Product ID:AC-236 ACCELERATOR

MSDS Date:04/01/1999

FSC:8030

NIIN:00-080-1549

Status Code:A

MSDS Number: CLQTC

=== 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

Em

ergency 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:TERPHENYL, HYDROGENATED

CAS:61788-32-7

RTECS #:WZ6535000

Minumum % Wt:20.

Maxumum % Wt:30.

ACGIH TLV:4.9 MG/M3;0.5 PPM

Ingred Name:1,3-DIPHENYLGUANIDINE  
CAS:102-06-7  
RTECS #:MF0875000  
Minumum % Wt:1.  
Maxumum % Wt:5.

Ingred Name:TERPHENYL  
CAS:26140-60-3  
RTECS #:WZ6450000  
Minumum % Wt:1.  
Maxumum % Wt:5.  
OSHA PEL:C9 MG/M3;C1 PPM  
ACGIH STEL:C5 MG/M3;C0.53 PPM

Ingred Name:ETHOXYLATED NONYLPHENOL PHOSPHATE  
CAS:51811-79-1  
Code:F  
Minumum % Wt:1.  
Maxumum % Wt:5.

Ingred Name:SODIUM HYDROXIDE  
CAS:1310-73-2  
RTECS #:WB4900000  
Minumum % Wt:1.  
Maxumum % Wt:5.  
OSHA PEL:2 MG/M3  
ACGIH STEL:C2 MG/M3  
EPA Rpt Qty:1000 LBS  
DOT R  
pt Qty:1000 LBS

Ingred Name:MANGANESE OXIDE  
CAS:1313-13-9  
RTECS #:OP0350000  
Minumum % Wt:60.  
Maxumum % Wt:70.  
OSHA PEL:C5 MG/M3  
ACGIH TLV:5 MG/M3

===== 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: MAY CAUSE MODERATE  
IRRITATION. SKIN CONTACT: MAY CAUSE SLIGHT TO MILD IRRITATION.  
INHALATION: IRRITATING TO THE EYES,

NOSE, AND RESPIRATORY TRACT.

INGESTION: IRRITATING TO THE MOUTH, THROAT, AND STOMACH. MAY CAUSE NAUSEA, VOMITING, PAIN AND STOMACH UPSET (E.G. DIARRHEA).

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

Medical Cond Aggravated by Exposure: LIVER. KIDNEYS. LUNGS AND RE

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

===== 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. GET MEDICAL ATTENTION. INHALATION: REMOVE TO FRESH AIR. SEEK MEDICAL ATTENTION. INGESTION: SEEK MEDICAL ATTENTION. IMMEDIATELY INDUCE VOMITING AS DIRECTED BY MEDICAL PERSONNEL.

===== 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, 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.

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: EVACUATION: ISOLATE HAZARD AREA. KEEP UNNECESSARY AND UNPROTECTED PERSONNEL FROM ENTERING. ELIMINATE ALL SOURCES OF IGNITION. SAFELY STOP DISCHARGE. CONTAIN MATERIAL, USE PROPER PROTECTIVE EQUIPMENT. COVER SPILLS WITH ABSORBENT CLAY OR SAWDUST AND PLACE IN CLOSED CHEMICAL

L WASTE CONTAINERS.

Neutralizing Agent:TREATMENT SHOULD BE DIRECTED AT PREVENTING ABSORPTION, ADMINISTERING TO SYMPTOMS.

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

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED AREA AWAY FROM HEAT, IGNITION SOURCES, AND DIRECT SUNLIGHT. KEEP CONTAINERS TIGHTLY CLOSED. TRANSFER: NO SPECIAL PRECAUTIONS ARE NEEDED. FOLLOW GOOD MANUFACTURING AND HANDLING PRACTICES.

Other Precautions:THIS CONTAINER CAN BE HAZARDOUS WHEN EMPTY. FOLLOW LABEL WARNING 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 CAN OCCUR.

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

Respiratory Protection:WEAR NIOSH/MSHA APPROVED EQUIPMENT.

Ventilation:LOCAL EXHAUST VENTILATION IS RECOMMENDED.

Protective

Gloves:WEAR PROTECTIVE CLOTHING AND APPROPRIATE IMPERVIOUS GLOVES.

Eye Protection:WEAR CHEMICAL SPLASH GOGGLES.

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

Supplemental Safety and Health

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

Vapor Pressure:0.1 MM HG

Vapor Density:>1

Specific Gravity

2.1

Evaporation Rate & Reference: