

ADVANCED CHEMISTRY & TECHNOLOGY -- AC-236 ACCELERATOR -- 8030-00-878-8428

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

Product ID:AC-236 ACCELERATOR

MSDS Date:04/01/1999

FSC:8030

NIIN:00-878-8428

Status Code:A

Kit Part:Y

MSDS Number: CLQVB

=== 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:ERNEST CARTER

Chemtec Ind/Phone:(800)424-9300

CAGE:1DWR5

=== Contractor Identification ===

Company Name:ADVANCED CHEMISTRY & TECHNOLOGY

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Box:City:GARDEN GROVE

State:CA

ZIP:92841-2921

Country:US

Phone:714-373-2837

CAGE:1DWR5

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

Ingred Name:POLYOXYETHYLENE NONYL PHENYL PHOSPHATE

CAS:51811-79-1

Minumum % Wt:1.

Maxumum % Wt:5.

Ingred Name:SODIUM H

YDROXIDE
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 Rpt Qty:1000 LBS

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: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. MAY
CAUSE ALLERGIC SKIN REA

CTIONS AND SENSITIZATION. INHALATION

(BREATHING): IRRITATING TO THE EYES, NOSE AND RESPIRATORY TRACT.

CAN CAUSE DIZZINESS, HEADACHES, AND INCOORDINATION. INGESTION

(SWALLOWING): IRRITATING TO THE MOUTH, THROAT, AND STOMACH. MAY

CAUSE NAUSEA, VOMITING, PAIN, AND STOMACH UPSET (E .G., DIARRHEA).

Effects of Overexposure:EMERGENCY OVERVIEW: MAY CAUSE ALLERGIC SKIN

REACTION AND SENSITIZATION. INHALATION MAY CAUSE DIZZINESS,

HEADACHE AND INCOORDINATION. MAY CAUSE MODERATE EYE

IRRITATION. MAY

CAUSE RESPIRATORY TRACT IRRI TATION. MAY CAUSE DIGESTIVE TRACT

IRRITATION. INGESTION MAY CAUSE NAUSEA, VOMITING, PAIN, UPSET

STOMACH, DIARRHEA. MAY CAUSE SKIN IRRITATION.

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

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

ALLERGIES.

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

First Aid:EYE CONTACT: IMMEDIATELY FLUSH EYE WITH PLENTY OF WATER FOR
AT LEAST

15 MINUTES. GET MEDICAL ATTENTION. SKIN CONTACT:

IMMEDIATELY FLUSH WITH WATER. REMOVE CONTAMINATED CLOTHING AND

SHOES. GET MEDICAL ATTENTION.INHALATION (BREATHING): REMOVE TO

FRESH AIR. IF SYMPTOMS DEVELOP, SEEK IMMEDIATE MEDICAL ATTENTION.

INGESTION (SWALLOWING): SEEK MEDICAL ATTENTION. IMMEDIATELY INDUCE

VOMITING, AS DIRECTED B Y MEDICAL PERSONNEL. NEVER GIVE ANYTHING BY

MOUTH TO AN UNCONSCIOUS PERSON.

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

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Flash Point Method:SCC

Flash Point:=-93.3C, 200.F

Extinguishing Media: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
POSITIVE PRESSURE SELF CONTAINED BREATHING APPARATUS (SCBA) AND
FULL PROTECTIVE CLOTHI NG.

Unusual Fire/Explosion Hazard:DURING A FIRE, IRRITATING AND HIGHLY
TOXI

C 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, AS NECESSARY, WITH A DIKE OR BARRIER. STOP MATERIAL FROM CONTAMINATING SOIL. OR FROM ENTERING SEWERS OR BODIES OF WATER. APPROPRIATE SAFETY MEASURES AND PROTECTIVE EQUIPMENT SHOULD BE USED. USE SUPPLIED AIR RESPIRATOR OR SELF-CONTAIN

===== 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

WARNINGS 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:AVOID BREATHING VAPOR AND/OR MISTS. 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, MISTS, OR DUSTS CAN BE RELEASED IN EXCESS OF ESTABLISHED AIRBORNE EXPOSURE LIMITS.

Protective Gloves:WEAR PROTECTIVE CLOTHING AND APPROPRIATE IMPERVIOUS GLOVES.

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

Work Hygien

ic Practices:WASH THOROUGHLY AFETR HANDLING, ESPECIALLY
BEFORE EATING, DRINKING, SMOKING, AND USING RESTROOM FACILITIES.
WASH CONTAMINATED GOGGLES FACE SHIELD, AND GLOVES.

Supplemental Safety and Health

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

Vapor Pres:0.1 MM HG

Vapor Density:>1

Spec Gravity:2.1

Evaporation Rate & Reference: