

ADVANCED CHEMISTRY & TECHNOLOGY -- AC-236 ACCELERATOR -- 8030-00-007-8337
===== Product Identification =====

Product ID:AC-236 ACCELERATOR
MSDS Date:06/26/2000
FSC:8030
NIIN:00-007-8337
Status Code:A
Kit Part:Y
MSDS Number: CLRTQ
=== 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:(800)424-9300
Preparer's Name:HENRY SIMMONS
Chemtec 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:SODIUM HYDROXIDE
CAS:1310-73-2
RTECS #:WB4900000
= Wt:1.4
OSHA PEL:2 MG/M3
ACGIH STEL:C2 MG/M3
EPA Rpt Qty:1

000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:POLYOXYETHYLENE NONYL PHENYL PHOSPHATE
CAS:51811-79-1
= Wt:2.9

Ingred Name:MANGANESE OXIDE
CAS:1313-13-9
RTECS #:OP0350000
= Wt:66.4
OSHA PEL:C5 MG/M3
ACGIH TLV:5 MG/M3

Ingred Name:TERPHENYL, HYDROGENATED
CAS:61788-32-7
RTECS #:WZ6535000
= Wt:22.7
ACGIH TLV:4.9 MG/M3;0.5 PPM

Ingred Name:1,3-DIPHENYLGUANIDINE
CAS:102-06-7
RTECS #:MF0875000
= Wt:.7

Ingred Name:TERPHENYL
CAS:26140-60-3
RTECS #:WZ6450000
= Wt:4.8
OSHA PEL:C9 MG/M3;C1 PPM
ACGIH STEL:C5 MG
/M3;C0.53 PPM

Ingred Name:NON HAZARDOUS INGREDIENTS AND OTHER INGREDIENTS BELOW
REPORTABLE LEVELS

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

Health Hazards Acute and Chronic:LIVER, KIDNEYS, NERVOUS SYSTEM, BLOOD
AND/OR BLOOD FORMING ORGANS. LUNGS AND RESPIRATORY SYSTEM (AND
REPRODUCTIVE EFFECTS). EYES. SKIN. IMMUNE SYSTEM (E.G., ALLERGIC
REACTION).

Effects of Overexposure: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. 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).

Medical Cond Aggravated by Exposure:LIVER, KIDNEYS, LUNGS AND RESPIRATORY SYSTEM. SKIN. IMMUNE SYSTEMS AND/OR SPECIFIC CHEMICAL ALLERGIES

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

First Aid:EYE CONTACT: IMMEDIATELY FLUSH AREA WITH PLENTY OF WATER FOR AT LEAST 15 MINUTE. 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. INHALATION (BREATHING): REMOVE TO FRESH AIR. IF SYMPTOMS DEVELOP, SEEK IMMEDIATE MEDICAL ATTENTION. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. INGESTION (SWALLOWING): SEEK MEDICAL ATTENTION: IMMEDIATELY INDUCE VOMITING, AS DIRECTED BY MEDICAL PERSONNEL. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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===== 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, FOAM, 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 CLOTHING.

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

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

Spill Release Procedures:ISOL

ATE HAZARD AREA. KEEP UNNECESSARY AND UNPROTECTED PERSONNEL FROM ENTERING. SAFETY STOP DISCHARGE. CONTAIN MATERIAL, AS NECESSARY, WITH A DIKE OR BARRIER. STOP MATERIAL FROM CONTAMINATING SOIL, OR FROM ENTERING SEWERS OF BODIES OF WATER. APPROPRIATE SAFETY MEASURES AND PROTECTIVE EQUIPMENT SHOULD BE USED. USE SUPPLIED AIR RESPIRATOR OR SELF-CONTAINED BREATHING APPARATUS IN ENCLOSED SPACES.

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

Handling and

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

Other Precautions: ATTENTION! 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.

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===== 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 CONCENTRATION. MAY NECESSITATE THE USE OF SELF-CONTAINED BREATHING APPARATUS (SCBA) OR A SUPPLIED AIR RESPIRATOR.

Ventilation: LOCA

EXHAUST VENTILATION WHEN VAPORS, MISTS, OR DUSTS CAN BE RELEASED IN EXCESS OF ESTABLISHED AIRBORNE EXPOSURE LIMITS (TLV'S OR PEL'S)

Protective Gloves: WEAR PROTECTIVE CLOTHING AND APPROPRIATE IMPERVIOUS GLOVES

Eye Protection: WEAR CHEMICAL SPLASH GOGGLES OR SAFETY GLASSES WITH SIDE SHIELDS.

Work Hygienic Practices: WASH THOROUGHLY AFTER 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 Density:>1

Spec Gravity:2.1

Evaporation Rate & Reference:2,000 MG/KG 1,3-DIPHENYLGUANIDINE

ORAL LD50 RAT 507 MG/KG MOUSE 290 MG/KG TERPHENYL ORAL LD50 RAT

13,2000 MG/KG ETHOXYLATED NONYLPHENOL PHOSPHATE ORAL LD50 RAT

3630 MG/KG SODIUM HYDROXIDE DERMAL LD50 RABBIT 1000 KG/KG

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

Waste Disposal Methods:DIS

POSE IN ACCORDANCE WITH ALL LOCAL, STATE, AND

FEDERAL REGULATIONS. BASED UPON ENVIRONMENTAL ACCEPTABILITY. (1)

RECYCLE OR REWORK, IF FEASIBLE; (2) INCINERATE AT AN AUTHORIZED

FACILITY; OR (3) TREAT AT AN ACCEPTABLE WASTE TREATMENT FACILITY.

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

SARA Title III Information:SECTION 311-312 - HAZARD CATEGORIES:

IMMEDIATE (ACUTE) HEALTH HAZARD AND DELAYED (CHRONIC HEALTH HAZARD)

OZONE - DEPLETING CHEMICALS - NO R

REGULATED INGREDIENTS. SARA

SECTION 313 TOXIC CHEMICALS MANGANESE OXIDE

Federal Regulatory Information:UNITED STATES CHEMICAL COMPONENTS THIS

PRODUCT ARE ON THE SECTION 8(B) CHEMICAL SUBSTANCE INVENTORY LIST

(40 CFR 710)

State Regulatory Information:STATE RIGHT TO KNOW PENNSYLVANIA - NEW

JERSEY MANGANESE OXIDE 1313-13-9 66.4% TERPHENYL,

HYDROGENATED 61788-32-7 22.7% 1,3-DIPHENYLQUADINE 102-06-7 7%

TERPHENYL 26140-60-3 4.8% ETH OXYLATED NONYLPHENOL PHO

SPHATE

51811-79-1 2.9% SODIUM HYDROXIDE 1310-73-2 1.4% CALIFORNIA

PROPOSITION 65-NO REGULATED INGREDIENTS.

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