

ADVANCED CHEMISTRY & TECHNOLOGY -- MC-275 ACCELERATOR -- 8030-00-602-0045
===== Product Identification =====

Product ID:MC-275 ACCELERATOR
MSDS Date:04/05/1999
FSC:8030
NIIN:00-602-0045
Status Code:A
Kit Part:Y
MSDS Number: CLRRF
=== 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
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:MANGANESE OXIDE
CAS:1313-13-9
RTECS #:OP0350000
Minimum % Wt:60.
Maximum % Wt:70.
OSHA PEL:C5 MG/M3
ACGIH T

LV:5 MG/M3

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:POLYOXYETHYLENE NONYL PHENYL PHOSPHATE
CAS:51811-79-1
Minumum % Wt:1.
Maxumum % Wt:5.

Ingred Name:SODI
UM 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 Rpt Qty:1000 LBS

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===== Hazards Identification =====
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Health Hazards Acute and Chronic: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).

Effects of Overexposure:EMERGENCY OVERVIEW: MAY CAUSE ALLERGIC SKINREACTION AND SENSITIZATION, INHALATION MAY CAUSE DIZZINESS, HEADACHE AND INCOORDINATION. MAY CAUSE MODERATE EYE IRRITATION. MAY CAUSE RESPIRATORY TRACT IRRIT AT ION. MAY CAUSE DIGESTIVE TRACT IRRITATION. INGESTION MAY CAUSE NAUSEA, VOMITING, PAIN, UPSET STOMACH, DIARRHEA, MAY CAUSE SKIN IRRITATION. 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 RESPIRATORY SYSTEM. SKIN. IMMUNE SYSTEMS AND/OR SPECIFIC CHEMICAL ALLER GIES.

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

First Aid:EYE CONTACT: IMMEDIATELY FLUSH EYES 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 BY MEDICAL PERSONNEL. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

===== 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, OR ALCOHOL FOAM.

Fire Fighting Procedures:FIRE FIGHTERS AND OTHERS WHO MAY BE EXPOSED TO THE PRODUCTS OF COMBUSTION SHOULD BE EQUIPPED WITH NIOSH APPR

OVERD

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.

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

Spill Release Procedures: 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 CONTAINED BREATHING

===== 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: 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.

===== 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. RESPIRATORY PROTECTION PROGRAMS MUST BE IN COMPLIANCE WITH 29 CFR 1910.134.

Ventilation: LOCAL EXHAUST VENTILATION IS RECOMMENDED WHEN VAPORS, MISTS, O

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

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upplemental Safety and Health

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

Vapor Pres:0.1 MM HG

Vapor Density:>1

Spec Gravity:2.1

Evaporation Rate & Reference:2,000 MG/KG 1,3- DIPHENYLQUANIDINE: ORAL RAT 507 MG/KG MOUSE

290 MG/KG TERPHENYL ORAL LD50 RAT 13,200 MG/KG ETHOXYLATED NONYLPHENOL PHOSPHATE ORAL LD50 RAT 3,630 MG/KG SODIUM HYDROXIDE: CORROSIVE! CAUSE EYE AND S KIN BURNS. DERMAL LD50 RABBIT 1000 MG/KG.

===== Disposal Co
nsiderations =====

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS. FEDERAL REGULATIONS MAY APPLY TO EMPTY CONTAINER. STATE AND/OR LOCAL REGULATIONS MAY BE DIFFERENT.

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

SARA Title III Information:SECTION 311/312-HAZARD CATEGORIES: IMMEDIATE AND DELAYED HEALTH HAZARD. SARA SECTION 302 EXTREMELY HAZARDOUS MAT-NO REGULATED INGREDIENTS SARA SECTION 313 TO
XIC CHEMICALS
MANGANESE OXIDE

Federal Regulatory Information: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 R-T-K MANGANESE OXIDE 1313-13-9 60-70% TERPHENYL, HYDROGENATED 61788-32-7 20-30% 1,3 ? DIPHENYLQUANIDINE 102-06 1-5% TERPHENYL 26140-60-3 1-5% ETHOXYL ATED NONYLPHENOL PHOSPHATE 51811-79-1 1-5% SODIUM HYDROXIDE 1310-73-2 1-5% WATE

R 7732-18-5

1-5% CALIFORNIA ? CALIFORNIA PROPOSITION 65-NO REGULATED
INGREDIENTS

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