

ADVANCED CHEMISTRY & TECHNOLOGY -- MC-615 ACCELERATOR -- 8030-00-291-8380

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

Product ID:MC-615 ACCELERATOR

MSDS Date:08/09/2000

FSC:8030

NIIN:00-291-8380

Status Code:A

MSDS Number: CLLQQ

=== 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

Chemtre Ind/Phone:(800)424-9300

CAGE:1DWR5

=== Contractor Identification ===

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

Ingred Name:MANGANESE OXIDE

CAS:1313-13-9

RTECS #:OP0350000

= Wt:67.

OSHA PEL:C5 MG/M3

ACGIH TLV:5 MG/M3

Ingred Name:TERPHENYL, H

YDROGENATED
CAS:61788-32-7
RTECS #:WZ6535000
= Wt:23.
ACGIH TLV:4.9 MG/M3;0.5 PPM

Ingred Name:TERPHENYL
CAS:26140-60-3
RTECS #:WZ6450000
= Wt:2.
OSHA PEL:C9 MG/M3;C1 PPM
ACGIH STEL:C5 MG/M3;C0.53 PPM

Ingred Name:1,3-DIPHENYLGUANIDINE
CAS:102-06-7
RTECS #:MF0875000
= Wt:2.

Ingred Name:MODIFIED PHENOL
= Wt:1.

Ingred Name:SODIUM HYDROXIDE
CAS:1310-73-2
RTECS #:WB4900000
= Wt:2.
OSHA PEL:2 MG/M3
ACGIH STEL:C2 MG/M3
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

=====
Hazards Identif
ication =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Health Hazards Acute and Chronic:EYE CONTACT: CAUSES SEVERE IRRITATION.
CAN CAUSE BURNING SENSATION, TEARING, AND REDNESS. SKIN
CONTACT:MAY CAUSE SLIGHT TO MILD IRRITATION. MAY BE ABSORBED
THROUGH THE SKIN. CAN CAUSE REDNESS, ITCHIN G. AND BURNING
SENSATION. INHALATION (BREATHING): CAN BE IRRITATING TO EYES, NOSE,
AND RESPIRATORY TRACT FOLLOWING PROLONGED EXPOSURE, CAN CAUSE
DIZZINES

S, HEADACHES, AND INCOORDINATION. NAUSEA, VOMIT ING, AND STOMACH UPSET CAN OCCUR. CAN CAUSE WHEEZING, COUGHING, SHORTNESS OF BREATH, AND TIGHTNESS IN THE CHEST. INGESTION (SWALLOWING): IRRITATING TO THE MOUTH, THROAT, AND STOMACH, MAY CAUSE NAUSEA, VOMITING, PAIN, AND STOMACH UPSET.

Effects of Overexposure:EMERGENCY OVERVIEW: CAUSES SEVERE EYE IRRITATION. INHALATION MAY CAUSE DIZZINESS, HEADACH AND INCOORDINATION. MAY CAUSE DIGESTIVE TRACT IRRITATION. INGESTION MAY C

AUSE NAUSEA, VOMITING, PAIN, UPSET ST OMACH, DIARRHEA. INHALATION MAY CAUSE NAUSEA, VOMITING, UPSET STOMACH. MAY CAUSE SKIN IRRITATION. PROLONGED EXPOSURE MAY CAUSE EYE, NOSE AND RESPIRATORY TRACT IRRITATION. TARGET ORGANS/CHRONIC EFFECTS : LIVER, KIDNEYS. NERVOUS SYSTEM. LUNGS AND RESPIRATORY SYSTEM. EYES, SKIN.

Medical Cond Aggravated by Exposure:LIVER, KIDNEYS. LUNGS AND RESPIRATORY SYSTEM, SKIN.

===== 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.

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

Flash Point Method:SCC

Flash Point:>93.3C, 200.F

Extinguishing Media:SMALL FIRES: DRY CHEMICAL OR CARBON DIOXIDE. LARGE FIRES: WATER SPRAY, FOG, OR FOAM. FIRE

Fire Fighting Procedures:FIRE FIGHTERS AND OTHERS WHO MAY BE EXPOSED TO THE PRODUCTS OS COMBUSTION SHOULD BE EQUIPPED WITH NIOSH-APPROVED.

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

===== Accidental R

Release Measures =====

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

===== 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 RE-USE 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:WEAR NIOSH/MSHA-APPROVED EQUIPMENT. DETERMINE THE APPROPRIATE TYPE CONSULTING THE RESPIRATOR MANUFACTURER. HIGH AIRBORN CONCENTRATIONS MAY NECESSITATE THE USE OF SELF-CONTAINED BREATHING APPARATUS (SC BA) OR A SUPPLIED AIR RESPIRATOR. RESPIRATORY PROGRAMS MUST BE IN COMPLIANCE WITH 29 CFR 1910.134.

Ventilation:LOCAL EXHAUST VENTILATION IS RECOMMENDED

Protective Gloves:WEAR PROTECTIVE CLOTHING AND APPROPRIATE IMPERVIOUS GLOVES.

Eye Protection:WEAR CHEMICAL SPLASH GOGGLES AND FULL FACE SHIELD.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING, ESPECIALLY BEFORE EATING, DRINKING, AMOKING, AND USING RESTROOM FACILITIES.

Supplemental Safety and Health

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

Vapor Pres:0.1

Vapor Density:>1

Spec Gravity:1.9

Evaporation Rate & Reference: