

ADVANCED CHEMISTRY & TECHNOLOGY -- AC-615 ACCELERATOR -- 8030-00-152-0021
===== Product Identification =====

Product ID:AC-615 ACCELERATOR
MSDS Date:06/04/1999
FSC:8030
NIIN:00-152-0021
Status Code:A
Kit Part:Y
MSDS Number: CLGJV
=== 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:RYAN MICKELSON
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
= Wt:67.
OSHA PEL:C5 MG/M3
ACGIH TLV:5 MG/M3

Ingred Name:HYDROGENATED TERPHENYL
CAS:61788-

32-7
RTECS #:WZ6535000
= Wt:29.
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:1.5

Ingred Name:MODIFIED PHENOL
= Wt:1.

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

Ingred Name:NON-HAZARDOUS AND OTHER INGREDIENTS BELOW REPOR
TABLE
LEVELS.

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

Health Hazards Acute and Chronic:EMERGENCY OVERVIEW: CAUSES SEVERE EYE IRRITATION. INHALATION MAY CAUSE DIZZINESS, HEADACHE, AND INCOORDINATION. MAY CAUSE DIGESTIVE TRACT IRRITATION. INGESTION MAY CAUSE 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.SEE SECTIONS 3,5,AND 6.

Effects of Overexposure:PRIMARY ROUTES OF EXPOSURE: EYE, SKIN, INHALATION. EYE CONTACT: SEVERE IRRITATION. BURNING SENSATION, TEARING, AND REDNESS. SKIN CONTACT: CAUSE SLIGHT TO MILD IRRITATION. MAY BE ABSORBED THROUGH THE S KIN. CAN CAUSE REDNESS, ITCHING, BURNING SENSATION. INHALATION: CAN BE IRRITATING TO EYES, NOSE, AND RESPIRATORY TRACT FOLLOWING PROLONGED EXPOSURE. CAN CAUSE DIZZINESS, HEADACHES, AND INCOORDINATION. NAUSEA, VOMITING, AND

STOMACH UPSET CAN OCCUR. CAN CAUSE WHEEZING, COUGHING, SHORTNESS OF BREATH, AND TIGHTNESS IN THE CHEST.INGESTION: IRRITATING TO THE MOUTH, THROAT, AND STOMACH. MAY CAUSE NAUSEA, VOMITING, PAIN, AND STOMACH UPSET.

Medical Cond Aggravated by Exposure:CONDITIONS AGGRAVATED BY EXPOSURE: LIVER, KIDNEYS, LUNGS AND RESPIRATORY SYSTEM. SKIN.

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

First Aid:EYE CONTACT: FLUSH EYE WITH PLENTY OF WATER FOR AT LEAST 15

MIN. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. SKIN CONTACT: FLUSH WITH WATER. REMOVE CONTAMINATED CLOTHES AND SHOES. GET MEDICAL ATTENT ION IF IRRTATION PERSISTS. PROFESSIONALLY WASH CLOTHES AND SHOES. INHALATION: SEEK MEDICAL ATTENTION, IMMEDIATELY INDUCE VOMITING, AS DIRECTED BY MEDICAL PERSONNEL. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERON.

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

Flash Point Method:SCC

Flash Poi

nt:=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 APPROVED POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING.

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

Spill Release Procedures:EVACUAT

ION: ISOLATE HAZARD AREA. KEEP

UNNECESSARY PERSONNEL FROM ENTERING. CONTAINMENT: SAFETY STOP DISCHARGE. CONTAIN MATERIAL AS NECESSARY, WITH DIKE OR BARRIER. STOP MATERIAL FROM CONTAMINATING SOIL, OR FROM ENTERING BODIES OF WATER. CLEANUP/PERSONAL PROTECTION: APPROPRIATE SAFETY MEASURES AND PROTECTIVE EQUIPMENT SHOULD BE USED. USE AIR RESPIRATOR OR SELF-CONTAINED BREATHING APPARATUS.

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

Handling and Storage

Precautions: STORAGE CONDITIONS: STORE IN A

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

Other Precautions: EMPTY CONTAINER 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.

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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 CONCENTRATIONS MAY NECESSITATE THE USE OF SELF-CONTAINED BREATHING APPARATUS OR A SUPPLIED AIR RESPIRATOR. RESPIRATORY PROTECTION PR

OGRAMS MUST BE IN

COMPLIANCE WITH 29CFR1910.134.

Ventilation: LOCAL EXHAUST VENTILATION IS RECOMMENDED WHEN VAPORS, MISTS, OR DUSTS CAN BE RELEASED IN EXCESS OF ESTABLISHED AIRBORNE EXPOSURE LIMITS.

Protective Gloves: IMPERVIOUS GLOVES, A VARIETY OF GLOVES EXIST, CONSULT MANUFACTURER.

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

Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING, ESPECIALLY BEFORE EATING, DRINKING, SMOKING

G, AND USING RESTROOM FACILITIES.

WASH CONTAMINATED GOGGLES, FACE SHIELD, AND GLOVES. PROFESSIONALLY LAUNDRER CLOTHES.

Supplemental Safety and Health

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

Vapor Pres:0.1

Vapor Density:>1

Spec Gravity:1.9

Evaporation Rate & Reference: