

ADVANCED CHEMISTRY & TECHNOLOGY -- AC-615 ACCELERATOR -- 8030-00-152-0062

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

Product ID:AC-615 ACCELERATOR

MSDS Date:06/04/1999

FSC:8030

NIIN:00-152-0062

Status Code:A

Kit Part:Y

MSDS Number: CLGJQ

=== Responsible Party ===

Company Name:ADVANCED CHEMISTRY & TECHNOLOGY

Address:7341 ANACONDA AVE

City:GARDEN GROVE

State:CA

ZIP:92841-2921

Country:US

Info Phone Num:714-3

73-2837

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:61788-3

2-7
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 REPORT
ABLE
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
T

RACT 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 ATTENTION IF IRRITATION 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 PERSON.

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

Flash Point Method:SCC

Flash Point

t:>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:EVACUATE

ON: ISOLATE HAZARD AREA. KEEP
UNNECESSARY PERSONNEL FROM ENTERING. CONTAINMENT: SAFELY 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.

===== 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.

===== 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 PROGRAMS
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

, AND USING RESTROOM FACILITIES.

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

Supplemental Safety and Health

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

Vapor Pres:0.1

Vapor Density:>1

Spec Gravity:1.9

Evaporation Rate & Reference: