

===== 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:714-373-2837

Emergency Phone Num:1-800-424-9300

Preparer's Name:RYAN

MICKELSON

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:HYDROGENATED TERPHENYL

CAS:61788-32-7

RTECS #:WZ6535000

= Wt:29.

ACGIH TLV:4.9 MG/M3;0.5 PPM

Ingr

ed 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 REPORTABLE
LEVELS.

===== Hazards Identification
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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, CO

UGHING, 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 Point:>93.3C, 200.F

Extinguishing Media:SMALL FIRES: DRY CHEMICAL, C

ARBON 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:EVACUATION: ISOLATE HAZARD AREA. KEEP UNECESSARY PERSONNEL FORM ENTE

RING. CONTAINMENT: SAFELTY STOP

DISCHARGE. CONTAIN MATERIAL AS NECESSARY, WITH DIKE OR BARRIER.

STOP MATERIAL FORM CONTAMINATING SOI L, OR FROM ENTERING BODIES OF WATER. CLEANUP/PERSONAL PROTECTION: APPROPRIATE SAFETY MEASURES AND PROTECTIVE EQUIPMENT SHOULD BE USED. USE AIR RESPIRATOR OR SELF CONTAINED BREAHTING APPARATUS.

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

Handling and Storage Precautions:STORAGE CONDITONS: STORE IN A COOL,DRY,WELL VEN

TILATED AREA AWAY FROM HEAT, IGNITION SOURCES,AND
DIRECT SUNLIGHT. KEEP TIGHTLY CLOSED.TRANSFER: NO SPECIAL
PRECAUTIONS ARE NEEDED. FOLLOW GOOD MANUFACTU RING 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 C ONTAINER WITHOUT PROFESSIONAL CLEANING FOR FOOD,
CLOTHING, OR PRODUCTS
FOR HUMAN OR ANIMAL CONSUMPTI ON.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:AVOID BREATHING VAPOR AND/OR MISTS. WEAR
NIOSH/MSHA APPROVED EQUIPMENT. DETERMINE THE APPROPRIATE TYPE BY
CONSULTING THE REPIRATOR 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 HANLING, 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: