

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

Product ID:AC-615 ACCELERATOR

MSDS Date:06/04/1999

FSC:8030

NIIN:00-152-0022

Status Code:A

Kit Part:Y

MSDS Number: CLGJT

=== 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: