

MORTON -- THIOKOL MC-215 ACCELERATOR. -- 8030-00-291-8380

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Product Identification
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Product ID:THIOKOL MC-215 ACCELERATOR.

MSDS Date:10/29/1996

FSC:8030

NIIN:00-291-8380

Kit Part:Y

MSDS Number: CFMZG

=== Responsible Party ===

Company Name:MORTON

Address:7341 ANACONDA AVENUE

City:GARDEN GROVE

State:CA

ZIP:92641

Country:US

Info Phone Num:714-373-2837 EXT. 11

Emergency Phone Num:800-424-930

0 CHEMTREC

Preparer's Name:DAVID WIENCKOWSKI

CAGE:KO006

=== Contractor Identification ===

Company Name:MORTON

Address:7341 ANACONDA AVE.

City:GARDEN GROVE

State:CA

ZIP:92641

Country:US

Phone:714-373-2837

CAGE:KO006

Company Name:MORTON INTL INC SPECIALTY CHEMICALS GROUP

Address:333 W WACKER DR

City:CHICAGO

State:IL

ZIP:60606-1218

Country:US

Phone:312-807-2000

CAGE:32063

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Composition/Information on Ingredients
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Ingred Name:MANGANESE OXIDE (SARA 313)

CAS:1313-13-9

RTEC

S #:OP0350000
Fraction by Wt: 60-100%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1 MG/M3 CEILING
ACGIH TLV:1 MG/M3

Ingred Name:HYDROGENATED TERPHENYLS (ORAL LD50 17500 MG/KG RAT DERMAL
>2000 MG/KG RABBIT

CAS:61788-32-7
RTECS #:WZ6535000
Fraction by Wt: 10-30.0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.5 PPM
ACGIH TLV:0.5 PPM CEILING

Ingred Name:1,3 DIPHENYL GUANIDINE (ORAL LD50 507/MG/KG RAT)

CAS:102-06-7
Fraction by Wt: 1-5.0%
Other REC Limits:NONE RECOMMENDED

Ingred Name:TERPHENYL (
ORAL LD50 13200 MG/KG RAT)

CAS:26140-60-3
RTECS #:WZ6450000
Fraction by Wt: 1-5.0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.5 PPM CEILING
ACGIH TLV:0.53 PPM CEILING

Ingred Name:ETHOXYLATED NONYL PHENYL PHOSPHATE (ORAL LD50 3630 MG/KG
RAT)

CAS:51811-79-1
Fraction by Wt: 1-5.0%
Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM HYDROXIDE (CERCLA) (DERMAL LD50 1000 MG/KG RABBIT)

CAS:1310-73-2
RTECS #:WB4900000
Fraction by Wt: 1-5.0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:2 MG/M3
ACG

IH TLV:2 MG/M3
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:(NON-HAZARDOUS & OTHER INGREDIENTS) PROPRIETARY INGREDIENT
Fraction by Wt: BALANCE
Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE: IRRITATION. SKIN: IRRITATION,
ALLERGIC REACTION, SENSITIZATION. INHAL: IRRITATION, DIZZINE
SS,
HEADACHE, INCOORDINATION. INGEST: IRRITATION, NAUSEA, VOMITING,
PAIN, STOMACH UPSET, DIARRHEA. MAY EF FECT LIVER, KIDNEYS, NERVOUS
SYSTEM, BLOOD, BLOOD FORMING ORGANS, LUNGS, RESPIRATORY SYSTEM,
REPRODUCTIVE SYSTEM, EYES *
Effects of Overexposure:NK * SKIN & IMMUNE SYSTEM.
Medical Cond Aggravated by Exposure:LIVER, KIDNEYS, LUNGS, RSPIRATORY
SYSTEM, SKIN, IMMUNE SYSTEM & SPECIFIC CHEMICAL ALLERGY.

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

F
irst Aid:EYE: FLUSH W/WATER FOR >15 MINUTES, GET IMMED MED AID. SKIN:
IMMED FLUSH W/WATER, REMOVE CONTAM CLOTHES/SHOES. PROFESSIONALLY
WASH BEFORE REUSE. GET MED AID. INHAL: GET FRESH AIR. GET IMMED MED
AID. I F NOT BREATHING, GIVE ARTIF RESP. INGEST: GET MED AID.
INDUCE VOMIT AS DIRECTED BY DOCTOR. NEVER GIVE ANYTHING BY MOUTH TO
UNCONSCIOUS PERSON.

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

Flash Point Method:SCC
Flash Point:>200F,>93C
Lower Limi
ts:NA
Upper Limits:NA
Extinguishing Media:SMALL FIRE: DRY CHEMICAL, CARBON DIOXIDE, HALON,
WATER SPRAY, FOAM. LARGE FIRE: WATER SPRAY, FOG, ALCOHOL, FOAM.
Fire Fighting Procedures:USE NIOSH APPROVED POSITIVE PRESSURE SCBA
W/FULL PROTECTIVE CLOTHING.
Unusual Fire/Explosion Hazard:DURING A FIRE IRRITATING/HIGHLY TOXIC
GASES MAY BE GENERATED.

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

Spill Release Procedures:EVAC AREA. STOP SPILL IF SAFE. DIKE. USE
APPROP

RIATE SAFETY MEASURES & PROTECTIVE EQUIPMENT. USE SUPPLIED
AIR RESPIRATOR OR SCBA. ABSORB, CONTAINERIZE. REPORT IF REQUIRED.
CERCLA RQ FOR SODIUM HYDROXID E, 1000 LBS.

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

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTED AREA
AWAY FROM IGNITION SOURCES. KEEP CONTAINER TIGHTLY CLOSED.
Other Precautions:CONTAINER RETAINS RESIDUE. DONT REUSE CONTAINER W/OUT
PROFESSIONAL CLEANING.

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===== Exposur
e Controls/Personal Protection =====

Respiratory Protection:USE NIOSH/MSHA APPROVED EQUIPMENT. USE SCBA OR
AIR SUPPLIED RESPIRATOR IN HIGH AIRBORNE CONCENTRATIONS.
Ventilation:LOCAL EXHAUST RECOMMENDED.
Protective Gloves:IMPERVIOUS.
Eye Protection:CHEMICAL SPLASH GOGGLES.
Other Protective Equipment:EYEWASH FACILITY, PROTECTIVE CLOTHING.
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING, BEFORE
EATING/DRINKING/SMOKING/USING RESTROOM. WASH CONTAM GOGGLES/FACE
SHIELD/GLOV
ES.
Supplemental Safety and Health
MORE INFORMATION ON FILE.

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

Vapor Pres:0.1
Vapor Density:>1.0
Spec Gravity:2.1
pH:NA
Evaporation Rate & Reference: