

MORTON -- THIOKOL MC-275 ACCELERATOR -- 8030-00-560-8756

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Product Identification
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Product ID:THIOKOL MC-275 ACCELERATOR
MSDS Date:04/16/1993
FSC:8030
NIIN:00-560-8756
Kit Part:Y
MSDS Number: CHKGY
=== Responsible Party ===
Company Name:MORTON
Address:7341 ANACONDA AVE.
City:GARDEN GROVE
State:CA
ZIP:92641
Info Phone Num:714-373-2837
Emergency Phone Num:800-424-9300 (CHEMTREC)
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 INTERNATIONAL AEROSPACE POLYMER SYSTEMS
Address:7341 ANACONDA AVENUE
Box:City:GARDEN GROVE
State:CA
ZIP:92641
Country:US
Phone:714-373-2837
CAGE:0U317

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Composition/Information on Ingredients
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Ingred Name:MANGANESE DIOXIDE
CAS:1313-13-9
RTECS #:OP0350000
Fraction by Wt: 66.4%
Other REC Limi

ts:NONE RECOMMENDED
ACGIH TLV:1 MG/M3/STEL 3MG/M3

Ingred Name:HYDROGENATED TERPHENYLS LD50 >10000 MG/KG ORAL RAT
CAS:61788-32-7
RTECS #:WZ6535000
Fraction by Wt: 22.7%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.5 PPM CEILING
ACGIH TLV:0.5 PPM

Ingred Name:TERPHENYL LD50 13200 MG/KG ORAL RAT
CAS:26140-60-3
RTECS #:WZ6450000
Fraction by Wt: 0.19%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.5 PPM
ACGIH TLV:0.5 PPM

Ingred Name:EXOLATED NONYL PHENYL PHOSPHATE LD50 36.30 MG/KG ORAL RAT
CAS:51811-79-1
Fraction by Wt: 2.9%
Other REC Limits:NONE RECOMMENDED

Ingred Name:1,3 DIPHENYL GUANIDINE LD50 507 MG/KG ORAL RAT LD50 290
MG/KG ORAL MOUSE
CAS:102-06-7
Fraction by Wt: 4.8%
Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM HYDROXIDE (CERCLA)
CAS:1310-73-2
RTECS #:WB4900000
Fraction by Wt: 0.7%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:2 MG/M3 CEILING
ACGIH TLV:2 MG/M3 CEILING
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

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Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE: IRRIT, REDNESS, PAIN, BURNS,
CORNEAL CLOUDING, BLINDNESS CORROSIVE. SKIN: IRRIT, REDNESS, PAIN,
BLISTERS, BURNS. ABSORBED THROUGH SKIN, SENSITIZATION, CORROSIVE.
INHAL: IRRIT TO MUCOUS MEMBRANE, COUGHING, BREATHING DIFFICULT,
CORROSIVE. INGEST: GI IRRIT, NAUSEA, VOMITING & GI UPSET, ABDOMINAL
PAIN, FEVER, LIVER *

Effects o

f Overexposure:* KIDNEY DAMAGE, EYE, SKIN IMMUNE SYSTEM AND
ALLERGIC REACTION. HEADACHE, NAUSEA, DIARRHEA, ANEMIA, BURNS TO
MOUTH/THROAT PULMONARY EDEMA.

Medical Cond Aggravated by Exposure:LIVER/KIDNEY, SKIN, IMMUNE, SYSTEM,
CHEMICAL ALLERGIES.

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

First Aid:EYES: FLUSH W/WATER FOR 15 MINUTES, LIFT LIDS. GET MED AID.
SKIN: WASH W/SOAP & WATER. REMOVE CONTAM CLOTHES/SHOES, WASH BEFORE
REUSE. INHAL: REMOVE TO F
RESH AIR, GET MED AID. ARTIF RESP/CPR IF
BREATH ING DIFFICULT. INGEST: INDUCE VOMITING W/SYRUP OF IPECAC,
DRINK 2 GLASSES WATER OR STICK FINGER DOWN THROAT. DONT GIVE
ANYTHING BY MOUTH TO UNCONSCIOUS PERSON. GET MED AID.

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

Flash Point Method:SCC
Flash Point:>200F,>93C
Lower Limits:NA
Upper Limits:NA
Extinguishing Media:SM FIRES: DRY CHEMICAL, CARBON DIOXIDE, HALON,
WATER SPRAY OR FOAM. LG FIRE: WATER SPRAY, FOG
OR ALCOHOL FOAM.
Fire Fighting Procedures:NIOSH APPROVED POSITIVE PRESSURE SCBA & FULL
PROTECTIVE CLOTHING.
Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:SHOVEL/VACUUM SPILLED PRODUCT. PLACE IN CLOSED
CONTAINER. DO NOT FLUSH TO STREAMS/SEWERS/ANY BODIES OF WATER.

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

Handling and Storage Precautions:STORE IN COOL, DRY WELL VENTED AREA.

EMPTY CONTAINERS MAY RETAIN PRODUCT RESIDUE DO NOT REUSE CONTAINER.
Other Precautions:IF AIRBORNE CONCENTRATIONS EXCEED EXPOSURE LIMITS,
EVAC & VENTILATE AREA. USE AIR SUPPLIED RESPIRATOR/SCBA IN
INADEQUATELY VENTED AREAS.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED EQUIPMENT. USE
SCBA/SUPPLIED AIR RESPIRATOR. COMPLY W/29CFR1910.134.

Ventilation:LOCAL EXHAUST RECOMMENDED TO MAINTAIN AIRBORNE
CONCENTRATIONS B

ELOW LIMITS. GENERAL DILUTION ACCEPTABLE.

Protective Gloves:IMPERVIOUS

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:EYEWASH FACILITY, PROTECTIVE CLOTHING.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE
EATING/SMOKING/DRINKING/USING RESTROOM FACILITIES.

Supplemental Safety and Health

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

Boiling Pt:B.P. Text:NA

Vapor Pres:0.1 @ 25C

Vapor Density:>1.0

Spec Gravity:2.1 WATER = 1

pH:NA

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vaporation Rate & Reference:>1.0

Solubility in Water:NA

Appearance and Odor:BLACK PASTE, PHENYL ODOR.

Percent Volatiles by Volume:NA

Corrosion Rate:NA

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

OXIDIZING AGENTS, NICKEL, COBALT, IRON OR COPPER.

Hazardous Decomposition Products:AMINES, SMOKE, SOOT AND TOXIC FUMES,
OXIDES OF CARBON & METAL OXIDES.

===== Disposal Considerations =====

Waste

Disposal Methods:IF DISCARDED IN UNUSED FORM, DISPOSE OF AT LICENSED FACILITY ACCORDING TO FEDERAL, STATE AND LOCAL REGULATIONS. CONTACT EPA IF NEEDED.

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