

MORTON -- THIOKOL MC-236 BASE ACCELERATOR -- 8030-00-616-9191

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Product Identification
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Product ID:THIOKOL MC-236 BASE ACCELERATOR

MSDS Date:07/09/1992

FSC:8030

NIIN:00-616-9191

Kit Part:Y

MSDS Number: CCJWD

=== 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 (SARA 313) LD50 10000MG/KG ORAL RAT;LD50
2000MG/KG DER

MAL RABBIT;LD50 13200MG/KG ORAL RAT ACUTE TOX.

CAS:1313-13-9

RTECS #:OP0350000

Fraction by Wt: 66.4%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:3 MG/M3 FUME

ACGIH TLV:1 MG/M3 STEL 3MG/M3

Ingred Name:HYDROGENATED TERPHENYLS

CAS:61788-32-7

RTECS #:WZ6535000

Fraction by Wt: 22.7%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:0.5 PPM C=0.5 PPM

ACGIH TLV:0.5 PPM

Ingred Name:TERPHENYL

CAS:26140-60-3

RTECS #:WZ6450000

Fraction by Wt: 1.4%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:C=0.5 PPM

ACGIH TLV:0.

5 PPM

Ingred Name:POLYOXYETHYLENE NONYL PHENYL PHOSPHATE LD50 3630MG/KG ORAL
RAT

CAS:51811-79-1

Fraction by Wt: 2.9%

Other REC Limits:NONE RECOMMENDED

Ingred Name:1,3 DIPHENYL GUANIDINE LD50 507MG/KG ORAL RAT;LD50 290MG/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

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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:CAN CAUSE SEVERE IRRIT POS
BLINDNESS.SKIN:CHRONIC MAY CAUSE ALLERGIC REACTIONS IN SUSCEPTIBLE
INDIVIDS.INHAL:DIZZINESS/HEADACHE/INCOORDINATION.INGEST:GI
IRRIT/NAUSEA/VOMITING/GI UPSET.OTHER:MAY EF FECT
LIVER/KIDNEY/EYE/SKIN/IMMUNE SYST
EM.SKIN/EYE CONTAC CAUSES
PAIN/FEVER.DUST INHAL:COUGHING/FEVER/HEADACHE/NAUSEA.*
Effects of Overexposure:*SKIN:
BLISTERS/BURNS/SENSITIZATION.INHAL:MUCOUS MEMBRANE IRRIT/DIFF
BREATHING.INGEST:BURNS TO MOUTH/THROAT/DIGEST TRACT.
Medical Cond Aggravated by Exposure:LIVER/KIDNEY/SKIN/IMMUNE
SYS**ANYTHING BY MOUTH IF UNCONSCIOUS/DROWSY/NO GAG REFLEX.DR'S
NOTE:DIRECT TREATMENT AT PREVENTING ABSORPTION.TREATMENT SHOULD BE
SYMPTOMATIC AND PROVIDE SUPPORTIVE THERAPY.

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

First Aid:EYES: FLUSH W/WATER >15 MIN.IF IRRIT DEVELOPS CALL DR. SKIN:
REMOVE CONTAM CLOTHES/SHOES, WASH BEFORE REUSE.WASH W/SOAP &
WATER.IF IRRIT DEVELOPS CALL DR.INHAL: GET FRESH AIR.IF SYMPTOMS
DEVELOP CALL DR IMMED.IF NOT BREATHING GIVE ARTIF RESP PREFERABLY
MOUTH-TO-MOUTH. INGEST:CALL DR UNLESS ADVISED OTHERWISE.INDUCE
VOMITING BY GIVING IPECAC+2 GLASSES WATER OR STICK FINGER DOWN
THROAT.NEVER GIVE**

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

Flash Point Method:SCC
Flash Point:>200F,>93C
Autoignition Temp:Autoignition Temp Text:NE
Lower Limits:NA
Upper Limits:NA
Extinguishing Media:SMALL FIRES: DRY CHEMICAL, CARBON DIOXIDE, HALLON,
WATER SPRAY, FOAM. LARGE: WATER SPRAY, FOG, ALCOHOL FOAM.
Fire Fighting Procedures:FIREFIGHTERS/OTHERS EXPOSED TO COMBUSTION
PRODUCTS SHOULD BE EQUIPPED W/NIOSH APPROVED POSITIVE PRESSURE SCBA
& FULL PROTECTIVE CLOTHING.

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

Spill Release Procedures: SHOVEL/VACUUM SPILLED PRODUCT & PLACE IN CLOSED CONTAINERS FOR FURTHER HANDLING/DISPOSAL. DO NOT FLUSH TO SEWER, STREAM, OTHER BODIES WATER. AIRBORNE CONCENTRATIONS MAY EXCEED TLV/PEL. SCBA SHOULD BE USED FOR ENCLOSED SPACES AND WHERE VENT INSUFFICIENT

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

Handling and Storage Precautions: STORE IN COOL DRY WELL VENTILATED AREA. CO
NTR CAN BE HAZARD CAN RETAIN RESIDUE DO NOT REUSE FOR FOOD/CLOTHES/ETC. CONTAINS