

MORTON SALT -- THIOKOL MC 236 ACCELERATOR -- 8030-01-386-3889

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Product Identification  
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Product ID:THIOKOL MC 236 ACCELERATOR

MSDS Date:07/09/1992

FSC:8030

NIIN:01-386-3889

Kit Part:Y

MSDS Number: CDPKW

=== Responsible Party ===

Company Name:MORTON SALT

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:KO151

=== Contractor Identification ===

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

Company Name:MORTON SALT

Address:100 N RIVERSIDE PLASA

Box:City:CHICAGO

State:IL

ZIP:60606-1597

Country:US

Phone:312-807-2000

CAGE:KO151

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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 DERMAL 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:C=0.5 PPM

ACGIH TLV:0.5 PPM

Ingred Name:TERPHENYL

CAS:26140-60-3

RTECS #:WZ6450000

Fraction by Wt: 4.8%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:C=0.5 PPM

ACGIH

TLV:0.5 PPM

Ingred Name:POLYOXYETHYLENE NONYL PHENYL PHOSPHATE LD50 3630 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: 0.7%

Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM HYDROXIDE (CERCLA)

CAS:1310-73-2

RTECS #:WB4900000

Fraction by Wt: 1.4%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:2 MG/M3 CEILING

ACGIH TLV:2 MG/M3 CEILING

EP

A Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

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===== Hazards Identification =====  
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYE: IRRIT, RED, PAIN, BURNING,  
CORNEAL CLOUDING, BLINDNESS. SKIN: IRRIT, ALLERGIC REACTION, RED,  
PAIN, BLISTER, BURN, ABSORPTION, SENSITIZATION, CORROSION. INHAL:  
DIZZY, HEADACHE, INCOORDINATION, COUGH, FEVER, NAUSEA, PULMONARY  
EDEMA, MUCOUS MEMBRANE IRRIT, DIFFICULT BREATHING, MUCOUS MEMBRANE  
CORROSION. \*  
Effects of Overexposure:NK \*INGEST: GI IRRIT/UPSET, NAUSEA, VOMIT,  
SEVERE ABDOMINAL PAIN, FEVER, LIVER/KIDNEY DAMAGE, DIARRHEA,  
LIVER/KIDNEY/BLOOD EFFECTS (ANEMIA), BURN, OTHER. MAY AFFECT  
LIVER/KIDNEY/EYES/SKIN/IMMUNE SYSTEM, (ALLERGIC REACTION).  
Medical Cond Aggravated by Exposure:MAY EFFECT LIVER, KIDNEY, SKIN,  
IMMUNE SYSTEM.

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===== First Aid Measures =====  
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First Aid:EYES: FLUSH W/WATER >15 MIN. CALL DR. SKIN: REMOVE CONTAM  
CLOTHES/SHOES, WASH BEFORE REUSE. WASH W/SOAP/WATER.CALL DR. INHAL:  
GET FRESH AIR. CALL DR. IF NO BREATH GIVE ARTIF RESP PREFERABLY  
MOUTH-TO-MOUTH. INGEST: CALL DR. UNLESS ADVISED OTHERWISE INDUCE  
VOMIT BY GIVING IPECAC + 2 GLASSES WATER OR STICK FINGER DOWN  
THROAT. NEVER GIVE ANYTHING BY MOUTH TO UNCONSCIOUS, DROWSY, NO GAG  
REFLEX PERSON.

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===== Fire Fighting Measures =====  
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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 =====  
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Spill Release Procedures: SHOVEL/VACUUM SPILL & PLACE IN CLOSED CONTAINERS FOR FURTHER HANDLING/DISPOSAL. DO NOT FLUSH TO SEWER, STREAM, OTHER BODIES WATER. IF >TLV/PEL EVAC/VENT AREA. USE SCBA/SUPLIED AIR RESP FOR ENCLOSED SP ACES AND WHERE VENT INSUFICIENT.

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

Handling and Storage Precautions: STORE IN COOL DRY WELL VENTED AREA. CNTR CAN RETAIN RESIDUE DO NOT REUSE FOR FOOD/CLOTHES/ETC.

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Exposure Controls/Personal Protection =====

Respiratory Protection: WHEN LIMITS SURPASSED USE NIOSH/MSHA APPROVED EQPT. USE SCBA/SUPPLIED AIR RESPIRATOR FOR HIGH AIR CONCENTRATIONS.

Ventilation: ADEQUATE VENTILATION. GEN DILUTION ACCEPTIBLE. LOCAL EXHAUST RECOMMENDED WHEN VAPORS/MIST/DUSTS MAY BE RELEASED.

Protective Gloves: IMPERVIOUS. CONSULT GLOVE MANUFACTURER.

Eye Protection: CHEMICAL SPLASH GOGGLES

Other Protective Equipment: EYESASH FACILITY. PROTECTIVE CLOTHING.

Work Hygiene

Practices: WASH THOROUGHLY AFTER HANDLING & BEFORE EATING/DRINKING/SMOKING/USING TOILET. CLEAN CONTAM CLOTHES/SHOES BEFORE REUSE.

Supplemental Safety and Health  
MORE INFORMATION ON FILE.

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

Boiling Pt: B.P. Text: NA

Vapor Pres: 0.1

Vapor Density: NOT EST.

Spec Gravity: 2.1

pH: NA

Viscosity: 100-500 POISE

Evaporation Rate & Reference: