

MORTON SALT -- THIOKOL MC 215 ACCELERATOR -- 8030-00-598-2910

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Product Identification  
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Product ID:THIOKOL MC 215 ACCELERATOR

MSDS Date:07/09/1992

FSC:8030

NIIN:00-598-2910

Kit Part:Y

MSDS Number: CDPGY

=== 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)

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AGE: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

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2000MG/KG DERMAL RABBIT;LD50 13200MG/KG ORAL RAT ACUTE TOX.

CAS:1313-13-9

RTECS #:OP0350000

Fraction by Wt: 60-70%

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: 10-30%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:0.5 PPM CEILING

ACGIH TLV:0.5 PPM

Ingred Name:TERPHENYL

CAS:26140-60-3

RTECS #:WZ6450000

Fraction by Wt: 1-5%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:CEILING =

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: 1-5%

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: 1-5%

Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM HYDROXIDE (CERCLA)

CAS:1310-73-2

RTECS #:WB4900000

Fraction by Wt: 1-5%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:2 MG/M3 CEILING

ACGIH TLV:2 MG/M

3 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:IRRIT, BLINDNESS, BURN, CORNEAL  
CLOUDING. SKIN:IRRIT, ALLERGIC REACTION. INHAL:DIZZY, HEADACHE,  
INCOORDINATION. INGEST:GI IRRIT/UPSET, NAUSEA, VOMIT. OTHER:MAY  
EFFECT LIVER/KIDNEY/EYE/SKIN/IMMUNE SYSTEM. RED, PAIN, IR  
RIT,  
ABDOMINAL PAIN, FEVER, NAUSEA, LIVER/KIDNEY DAMAGE. DUST  
INHAL:COUGH/FEVER/HEADACHE/NAUSEA\*  
Effects of Overexposure:\* DIARRHEA, LIVER/KIDNEY/BLOOD EFFECTS  
(ANEMIA), PULMONARY EDEMA, BLISTERS/BURNS/MUCOUS MEMBRANE  
IRRIT/DIFF BREATHING, BURNS TO MOUTH/THROAT/DIGEST TRACT, SKIN  
ABSORPTION, SENSITIZATION.  
Medical Cond Aggravated by Exposure:LIVER/KIDNEY/SKIN/IMMUNE  
SYS/ALERGIES.\*\*ANYTHING BY MOUTH TO UNCONSCIOUS/DROWSY/NO GAG  
REFLEX PERSON.

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

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 IMMED. IF NOT BREATHING GIVE ARTIF  
RESP PREFERAB LY 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 =====

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II Release Procedures: SHOVEL/VACUUM SPILL & PLACE IN CLOSED CNTNR FOR FURTHER HANDLING/DISPOSAL. DONT FLUSH TO SEWER, STREAM, OTHER BODIES WATER. IF >TLV/PEL EVAC AREA/VENT AREA. USE SCBA OR AIR SUPPLIED RESPIRATOR FOR ENC LOSED SPACES AND WHERE VENT INSUFICIENT

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

Handling and Storage Precautions: STORE IN COOL DRY WELL VENTED AREA. CNTR CAN RETAIN RESIDUE. DONT REUSE FOR FOOD/CLOTHES/PRODUCTS FOR HUMAN/ANIMAL CONSUMPTION. AVOID SKIN CONTACT.

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

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

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

Protective Gloves: IMPERVIOUS. CONSULT GLOVE MANUFACTURER.

Eye Protection: CHEMICAL SPLASH GOGGLES

Other Prot

ective Equipment: EYESASH FACILITY. PROTECTIVE CLOTHING.

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

Supplemental Safety and Health

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

Boiling Pt: B.P. Text: NA

Vapor Pres: 0.1

Vapor Density: NOT EST.

Spec Gravity: 2.1

pH: NA

Viscosity: 600-1700 POISE

Evaporation Rate & Reference: