

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

===== Product Identification =====

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)

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

===== Composition/Information on Ingredients =====

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: 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/

M3 CEILING
EPA 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, 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, I
RRIT,
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
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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 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
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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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Sp

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

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Exposure Controls/Personal Protection
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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 Pro

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
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Boiling Pt:B.P. Text:NA

Vapor Pres:0.1

Vapor Density:NOT EST.

Spec Gravity:2.1

pH:NA

Viscosity:600-1700POISE

Evaporation Rate & Reference: