

MORTON SALT -- THIOKOL MC-275 ACCELERATOR -- 8030-00-485-3237

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Product Identification  
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Product ID:THIOKOL MC-275 ACCELERATOR

MSDS Date:04/16/1993

FSC:8030

NIIN:00-485-3237

Kit Part:Y

MSDS Number: CDPGN

=== Responsible Party ===

Company Name:MORTON SALT

Address:7341 ANACONDA AVE.

City:GARDEN GROVE

State:CA

ZIP:92641

Country:US

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 III)

CAS:1313-13-9

RTECS #:OP

0350000

Fraction by Wt: 66.4%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:3 MG/M3 (AS MN FUME)

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

Ingred Name:TERPHENYL HYDROGENATED (ORAL,RAT LD50: >10,000 MG/KG;  
DERMAL, RABBIT LD50: >2,000 MG/KG)

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 (ORAL,RAT LD50: 13,200 MG/KG)

CAS:26140-60-3

RTECS #:WZ6450000

Fraction by Wt: 0.19%

Other REC Limits:NONE RECOM  
MENDED

OSHA PEL:0.5 PPM

ACGIH TLV:0.5 PPM

Ingred Name:ETHOXYLATED NONYLPHENOL PHOSPHATE (ORAL,RAT LD50: 3630  
MG/KG)

CAS:51811-79-1

Fraction by Wt: 2.9%

Other REC Limits:NONE RECOMMENDED

Ingred Name:DIPHENYLGUANIDINE 1,3- (ORAL,RAT LD50: 507 MG/KG;  
ORAL,MOUSE LD50: 290 MG/KG)

CAS:102-06-7

RTECS #:MF0875000

Fraction by Wt: 4.8%

Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM HYDROXIDE

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  
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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:EYES: IRRIT, RED, PAIN, BURN, CORNEAL  
CLOUDING, CORROSION, BLINDNESS. SKIN: IRRIT, PAIN, CORROSION,  
BLISTER, BURN, SENSITIZATION. INGEST: GI IRRIT/UPSET, ABDOMINAL  
PAIN, FEVER, NAUSEA, DIA  
RRHEA, VOMIT , ANEMIA, LIVER/KIDNEY DAMAGE,  
MOUTH/THROAT/DIGESTIVE TRACT BURN. INHAL: COUGH, FEVER, HEADACHE,  
NAUSEA,\*  
Effects of Overexposure:NK \*PULMONARY EDEMA, MUCOUS MEMBRANE  
IRRIT/CORROSION, DIFFICULTY BREATHING. MAY EFFECT LIVER, KIDNEY,  
EYE, SKIN, IMMUNE SYSTEM, (ALERGIC REATION).  
Medical Cond Aggravated by Exposure:MAY EFFECT LIVER, KIDNEY, SKIN,  
IMMUNE SYSTEM, CHEMICAL ALLERGIES.

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First Aid Measures  
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First Aid:EYE  
:FLUSH W/H2O 15 MIN, LIFT LID. GET MED AID. SKIN: REMOVE  
CONTAM CLOTHES/SHOES. WASH W/SOAP/H2O, SEE DR. WASH CONTAM CLOTH  
BEFORE REUSE. INHAL:GET FRESH AIR, GET MED AID. NO BREATH, GIVE  
MOUTH-MOUTH ARTIF RESP. INGEST:CALL DR. UNLESS ADVISED OTHERWISE,  
INDUCE VOMIT (SYRUP OF IPECAC AND 2 GLASSES H2O OR/FINGER DOWN  
THROAT). DONT GIVE ANYTHING BY MOUTH TO UNCONSCIOUS/DROWSY, NO GAG  
REFLEX PERSON.

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Fire Fighting Measures  
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Flash P  
oint Method:SCC  
Flash Point:>200F,>93C  
Autoignition Temp:Autoignition Temp Text:NE  
Lower Limits:NA  
Upper Limits:NA  
Extinguishing Media:SMALL FIRE: USE DRY CHEMICAL, CARBON DIOXIDE,  
HALON, WATER SPRAY FOAM. LARGE FIRE: USE WATER SPRAY, FOG, ALCOHOL  
FOAM.  
Fire Fighting Procedures:FIRE FIGHTERS AND OTHER WHO MAY BE EXPOSED TO  
THE PRODUCTS OF COMBUSTION SHOULD BE EQUIPPED WITH NIOSH APPROVED  
POSITIVE PRESSURE SCBA & PROTECTIVE CLOTHING.  
Unusual Fire/Explosion Hazard:MAY LIBERATE IRRI

TATING OR TOXIC VAPORS  
DURING COMBUSTION OR DECOMPOSITION.

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

Spill Release Procedures: SHOVEL OR VACUUM SPILL AND PLACE IN CLOSED CONTAINERS FOR FURTHER HANDLING AND DISPOSAL. DONT FLUSH TO SEWER, STREAM, OR OTHER BODIES OF WATER. IF >TLV/PEL EVAC/VENT AREA. USE SCBA/AIR SUPPLIED RESPIRATOR FOR ENCLOSED/UNVENTED AREAS.

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

Handling and Storage Precautions:

STORE IN COOL, DRY, VENTED AREA.

CONTAINER CAN BE HAZARDOUS WHEN EMPTY (RESIDUE).

Other Precautions: DO NOT REUSE CONTAINER FOR FOOD, CLOTHING, OR PRODUCTS FOR HUMAN OR ANIMAL CONSUMPTION OR WHERE SKIN CONTACT MAY OCCUR.

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

Respiratory Protection: WEAR NIOSH/MSHA EQUIP. USE SCBA/SUPPLIED AIR RESPIRATOR FOR HIGH CONCENTRATIONS.

Ventilation: GENERAL (DILUTION) MAY BE ACCEPTABLE. HOWEVER, LOCAL EXHAUST VENT R

ECOMMENDED WHEN VAPORS, MISTS, DUSTS CAN BE RELEASED.

Protective Gloves: IMPERVIOUS GLOVES (SEE GLOVE MFR)

Eye Protection: CHEM SPLASH GOGGLE/SFTY GLASSES W/SDSHLD

Other Protective Equipment: WEAR PROTECTIVE CLOTHING. EYE WASH FACILITIES.

Work Hygienic Practices: WASH AFTER HANDLE/BEFORE EAT/DRINK/SMOKE/RESTROOM. WASH CONTAM GOGGLE/FACESHLD/GLOVE. LAUNDRER CONTAM CLOTH. TRASH SHOES.

Supplemental Safety and Health  
MORE INFORMATION ON FILE.

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

Boiling Pt: B.P. Text: NA

Vapor Pres: 0.1 @ 25C

Vapor Density: >1

Spec Gravity: 2.1 (WATER=1)

pH: NA

Evaporation Rate & Reference: