

MORTON SALT -- THIOKOL MC-215 ACCELERATOR -- 8030-01-065-0306

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Product Identification  
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Product ID:THIOKOL MC-215 ACCELERATOR

MSDS Date:08/02/1996

FSC:8030

NIIN:01-065-0306

Kit Part:Y

MSDS Number: CDPJB

=== 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)

Preparer's Name:DAVID WIENCKOWSKI

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 OXIDE

CAS:1313-13-9

RTECS #:OP0350000  
Fraction by Wt: 60-100%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:1 MG/M3 CEILING  
ACGIH TLV:5 MG/M3 (AS MN DUST)

Ingred Name:HYDROGENATED TERPHENYLS LD50 17500MG/KG/ORAL RAT DERMAL  
LD50 >2000MG/KG RABBIT LD50 ORAL 12500MG/KG MOUSE

CAS:61788-32-7

RTECS #:WZ6535000  
Fraction by Wt: 10-30%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.5 PPM  
ACGIH TLV:0.5 PPM CEILING

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

CAS:102-06-7

Other REC Limits:NONE  
RECOMMENDED

Ingred Name:TERPHENYL LD50 RAT 13200MG/KG

CAS:26140-60-3

RTECS #:WZ6450000  
Fraction by Wt: 1-5.0%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.5 PPM CEILING  
ACGIH TLV:0.53 PPM CEILING C 0

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

CAS:51811-79-1

Fraction by Wt: 1-5.0%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM HYDROXIDE (CERCLA) DERMAL LD50 RABBIT 1000MG/KG

CAS:1310-73-2

RTECS #:WB4900000  
Fraction by Wt: 1-5.0%  
Other REC Limits:NONE R

ECOMMENDED  
OSHA PEL:2 MG/M3  
ACGIH TLV:2 MG/M3  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:TRADESECRET #06-027 (NON-HAZARDOUS INGREDIENTS)  
Other REC Limits:NONE RECOMMENDED

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Hazards Identification  
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:UNKNOWN IARC:UNKNOWN OSHA:NO  
Health Hazards Acute and Chronic:EYE: IRRIT, BURNS. SKIN: IRRIT,  
ALLERGIC REACTION, SENSITIZATION, BURN. INHAL: IRRIT TO  
EYES/NOSE/RESPIRATORY TRACT, DIZZY, HEADACHE, INCORRDINATION.  
INGEST: IRRIT TO MOUTH/THROAT/STOMACH/NAUSEA/VOMIT /PAIN/STOMACH  
UPSET, (DIARRHEA), LIVER/KIDNEY INJURY. MAY EFFECT  
LIVER/KIDNEY/NERVOUS SYSTEM/BLOOD \*  
Effects of Overexposure:NK \* BLOOD FORMING ORGANS, LUNGS,  
RESPIRATORY SYSTEM, REPRODUCTIVE SYSTEM, EYES, SKIN IMMUNE SYSTEM,  
(ALLERGIC REACTION).  
Medical Cond Aggravated by Exposure:MAY EFFECT  
LIVER/KIDNEY/LUNG/RESPIRATORY SYSTEM/SKIN/IMMUNE SYSTEM & OR  
  
SPECIFIC CHEMICAL ALLERGIES.

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First Aid Measures  
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First Aid:EYE: IMMED FLUSH W/PLENTY WATER >15MIN. GET MED AID. SKIN:  
IMMED FLUSH W/WATER, REMOVE CONTAM CLOTHES/SHOES, WASH BEFORE  
REUSE. GET MED AID. INHAL: GET FRESH AIR, GET MED AID. IF NO  
BREATH, GIVE ARTIF RESP. INGEST: GET MED AID IMMED. INDUCE VOMIT  
AS DIRECTED BY DR. NEVER GIVE ANYTHING BY MOUTH TO UNCONSCIOUS  
PERSON.

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Fire Fighting Measures =  
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Flash Point Method:SCC  
Flash Point:>200F,>93C  
Lower Limits:NA  
Upper Limits:NA  
Extinguishing Media:SM: DRY CHEMICAL, CARBON DIOXIDE, HALON, WATER  
SPRAY OR FOAM. LG: WATER SPRAY, FOG, ALCOHOL FOAM.  
Fire Fighting Procedures:FIREFIGHTERS/OTHERS, SHOULD BE EQUIPED W/NIOSH  
APPROVED POSITIVE PRESSURE SCBA & FULL PROTECTIVE CLOTHING.  
Unusual Fire/Explosion Hazard:IRRITATING/HIGHLY TOXIC GASES MAY BE  
GENERATED DURING COMBUSTION OR DECOMPOSITION.

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Acci

dental Release Measures =====

Spill Release Procedures:EVAC AREA. NO IGNITS. SAFELY STOP DISCHARGE, DIKE. (NO ENTRY TO SOIL/SEWER/BODY OF WATER). USE SUPPLIED AIR RESP/SCBA IN ENCLOSED SPACE OR IF >LIMITS . USE PROPER PROTECTIVE EQUIPMENT. COVER W/ABSORBA NT, CONTAINERIZE.

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

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTED AREA. MAY RETAIN RESIDUE. DONT REUSE FOR FOOD/CLOTHING/PRODUCTS FOR HUMAN/ANIMAL CONSUMPTION, NO SKIN CONTACT.

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

Respiratory Protection:WEAR NIOSH/MSHA APPROVED EQUIPMENT. USE SCBA/SUPLIED AIR RESPIRATOR FOR HIGH AIRBORNE CONCENTRATIONS.  
Ventilation:LOCAL EXHAUST VENT RECOMMENDED WHEN VAPORS/MISTS/DUSTS CAN BE RELEASED.  
Protective Gloves:IMPERVIOUS.  
Eye Protection:CHEMICAL SPLASH GOGGLES.  
Other Protective Equipment:EYEWASH FACILITY, PROTECTIVE CLOTHING.  
Work Hygienic Practice  
s:WASH AFTER HANDLING/BEFORE EAT/DRINK/SMOKE/TOILET. WASH CONTAM/GOGGLES/FACESHLD/GLOVES/CLOTHES BEFORE REUSE.  
Supplemental Safety and Health  
MORE INFORMATION ON FILE.

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

Vapor Pres:0.1  
Vapor Density:>1.0  
Spec Gravity:2.1  
pH:NA  
Evaporation Rate & Reference: