

MORTON SALT -- THIOKOL MC 250 A-1/6 ACCELERATOR -- 8030-00-474-1419

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

Product ID:THIOKOL MC 250 A-1/6 ACCELERATOR

MSDS Date:10/02/1993

FSC:8030

NIIN:00-474-1419

Kit Part:Y

MSDS Number: CDPGL

=== 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 R

AT;LD50

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

CAS:1313-13-9

RTECS #:OP0350000

Fraction by Wt: 50-60%

Other REC Limits:NONE RECOMMENDED

ACGIH TLV:5 MG/M3

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

Ingred Name:TRADESECRET #06-027 AROMATIC HYDROCARBON ORAL RAT LD50
13200MG/KG

Fraction by Wt: 30

-60%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:0.5 PPM

ACGIH TLV:0.5 PPM

Ingred Name:TRADESECRET #06-027 AROMATIC HYDROCARBON

Fraction by Wt: 1-5.0%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:0.5 PPM

ACGIH TLV:0.5 PPM

===== 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, RED, PAIN, CORROSION.

SKIN: IRRIT, RED, PAIN, CORR

OSION. INHAL: IRRIT TO

NOSE/THROAT/UPPER RESP TRACT, DIZZY HEADACHE, COORDINATION, NAUSEA,

VOMITING, GI UPSET, COUGH, FEVER, PULMONARY EDE MA. INGEST: GI

IRRIT,/UPSET, NAUSEA, VOMIT, SEVERE ABDOMINAL PAIN, LIVER/KIDNEY

DAMAGE, DIARRHEA, *

Effects of Overexposure:NK * POSSIBLE LIVER/KIDNEY/BLOOD EFFECTS,

OTHER. MAY EFFECT LIVER/KIDNEY/CNS/PERIPHERAL NS, RESPIRATORY

SYSTEM, EYES, SKIN, MUCOUS MEMBRANE IRRIT.

Medical Cond Aggravated by Exposure:MAY EFFECT LIVER, KIDNEY,

SKIN,
RESPIRATORY SYSTEM.

===== 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. 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.

===== Fire Fighting Measures =====

Flash Point Method: SCC
Flash Point: >200F, >93C
Autoignition Temp: Autoignition Temp Text: NE
Lower Limits: NE
Upper Limits: NE
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.
Unusual Fire/Explosion Hazard: MAY LIBERATE IRRITATING OR TOXIC VAPORS DURING COMBUSTION OR DECOMPOSITION.

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

Spill 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/VENT AREA. USE SCBA FOR ENCLOSED SPACES AND WHERE VENT INSUFFICIENT.

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

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

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

Respiratory Protection: USE NIOSH/MSHA APPROVED EQPT. USE SCBA/SUPPLIED AIR RESPIRATOR FOR HIGH AIR CONCENTRATIONS.
Ventilation: ADEQUATE VENTILATION. GENERAL DILUTION ACCEPTIBLE. LOCAL EXHAUST RECOMMENDED WHEN VAPORS/MIST/DUSTS MAY BE REL

EASED.

Protective Gloves:IMPERVIOUS. CONSULT GLOVE MANUFACTURER.

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:EYESASH FACILITY. PROTECTIVE CLOTHING.

Work Hygienic Practices:WASH AFTER HANDLING/BEFORE

EAT/DRINK/SMOKE/TOILET. CLEAN CONTAM

CLOTHES/SHOES/GOGGLE/GLOVE/FACE SHLD. TRASH SHOES.

Supplemental Safety and Health

MORE INFORMATION ON FILE.

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

Vapor Pres:NOT EST.

Vapor Density:NOT EST.

Spec Gravity

:1.9

pH:NA

Evaporation Rate & Reference: