

MORTON INTL INC SPECIALTY CHEMICALS GROUP -- THIOKOL MC-275 CLASS -- 8030-00-560-8759
===== Product Identification =====

Product ID:THIOKOL MC-275 CLASS
MSDS Date:05/28/1992
FSC:8030
NIIN:00-560-8759
Kit Part:Y
MSDS Number: BRGWR
=== Responsible Party ===
Company Name:MORTON INTL INC SPECIALTY CHEMICALS GROUP
Address:333 W WACKER DR
City:CHICAGO
State:IL
ZIP:60606-1218
Country:US
Info Phone Num:3
12-807-3422 OR 714-373-2837 EXT 11
Emergency Phone Num:800-424-9300 CHEMTREC
Preparer's Name:DAVID B. WIENCKOWSKI
CAGE:32063
=== Contractor Identification ===
Company Name:MORTON INTL INC SPECIALTY CHEMICALS GROUP
Address:333 W WACKER DR
City:CHICAGO
State:IL
ZIP:60606-1218
Country:US
Phone:312-807-2000
CAGE:32063

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

Ingred Name:CALCIUM CARBONATE (LIMESTONE)
CAS:1317-65-3
RTECS #:EV9580000
Fraction by Wt: 30-60%
Other REC Limits

:NONE SPECIFIED
OSHA PEL:5MG/M3 TOTAL PARTIC.
ACGIH TLV:10MG/M3 TOTAL PARTIC

Ingred Name:CALCIUM CARBONATE (SARA 313) (LIMESTONE)
CAS:471-34-1
RTECS #:FF9335000
Fraction by Wt: 1-5%
Other REC Limits:NONE SPECIFIED
OSHA PEL:5MG/M3 TOTAL PARTIC
ACGIH TLV:10MG.M3 TOTAL PARTIC

Ingred Name:TITANIUM DIOXIDE
CAS:13463-67-7
RTECS #:XR2275000
Fraction by Wt: 1-5%
Other REC Limits:NONE SPECIFIED
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:FORMALDEHYDE
CAS:50-00-0
RTECS #:LP892500
0
Fraction by Wt: < 0.1%
Other REC Limits:NONE SPECIFIED
OSHA PEL:SEE 1910.1048
ACGIH TLV:C 0.3 PPM; A2; 9293
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

===== Hazards Identification =====

Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES: OTHER THAN MECHANICAL
IRRITATION, NO ADVERSE EFFECTS ARE EXPECTED. SKIN: SLIGHT
INCIDENTAL CONTACT IS NOT EXPECTED TO PRODUCE
ADVERSE EFFECTS.
INHALATION: UNDER NORMAL CONDITIONS OF USE, NO ADVERSE EFFECTS ARE
EXPECTED. INGESTION: CAN CAUSE NAUSEA, VOMITING, & GASTROINTESTINAL
UPSET.
Effects of Overexposure:DEPENDING ON THE ROUTE, FREQUENCY, & DURATION
OF EXPOSURE, TOXICITY MAY EFFECT IN THE FOLLOWING ORGANS &/OR
SYSTEMS: RESPIRATORY SYSTEM. EYES.
Medical Cond Aggravated by Exposure:INDIVIDUALS W/MEDICAL CONDITIONS
INVOLVING THE FOLLOWING ORGAN(S) &/OR SYSTEM(S) SHOULD TAKE
APPROPRIATE PRE

CAUTIONS WHEN HANDLING THIS PRODUCT. RESPIRATORY SYSTEM. ALWAYS WEAR APPROPRIATE PROTECTION.

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

First Aid: EYES: FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES. IF IRRITATION DEVELOPS CONSULT A PHYSICIAN. SKIN: MEDICAL ATTENTION IS NOT NORMALLY REQUIRED. INHALATION: REMOVE TO FRESH AIR. IF SYMPTOMS DEVELOP, GET MEDICAL ATTENTION. IF NOT BREATHING, GIVE CPR. INGESTION: GET MEDICAL ATTENTION. UNLESS OTHERWISE ADVISED, INDUCE VOMITING, FOLLOWED BY 2 GLASSES OF WATER. DON'T GIVE ANYTHING TO UNCONSCIOUS PERSON

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

Flash Point Method: SCC
Flash Point: >200F, >93C
Extinguishing Media: USE AGENTS APPROVED FOR CLASS A HAZARDS (E.G. HALOGENATED AGENTS, FOAM, STEAM) OR WATER FOG.
Fire Fighting Procedures: ANYONE WHO MAY BE EXPOSED TO THE PRODUCTS OF COMBUSTION SHOULD BE EQUIPPED WITH NIOSH APPROVED POSITIVE PRESSURE SCBA AND FULL PROTECTIVE CLOTHING.
Unusual Fire/Explosion Hazard: NONE KNOWN.

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

Spill Release Procedures: SHOVEL OR VACUUM SPILLED PRODUCT & PLACE IN CLOSED CONTAINERS FOR FURTHER HANDLING & DISPOSAL. DO NOT FLUSH TO SEWER, STREAM, OR OTHER BODIES OF WATER.

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

Handling and Storage Precautions: STORE IN COOL, DRY, WELL VENTILATED AREA.
Other Precautions: NO SPECIAL PRECAUTIONS ARE NEEDED. FOLLOW GOOD MANUFACTURING & HANDLING PRACTICES. EMPTY CONTAINER CAN BE HAZARDOUS, BECAUSE IT CAN RETAIN PRODUCT RESIDUES. SO DO NOT REUSE FOR FOOD, CLOTHING, OR PRODUCTS FOR HUMAN/ANIMAL CONSUMPTION.

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

Respiratory Protection: WEAR NIOSH/MSHA APPROVED EQUIPMENT. OBSERVE RESPIRATOR USE LIMITATIONS SPECIFIED BY NIOSH/MSHA OR MANUFACTURER. HIGH AIRBORNE CONCENT. MAY NECESSITATE USE OF SCBA OR AIR

-SUPPLIED

RESPIRATOR.RESPIR.PROTECT.PROGRAMS COMPLIANCE W/29CFR1910.134

Ventilation:GENERAL (DILUTION) VENTILATION, LOCAL EXHAUST VENTILATION
USED WHEN VAPORS, MISTS, DUSTS CAN BE RELEASED.

Protective Gloves:PROTECTIVE GLOVES.

Eye Protection:CHEMICAL GOGGLES, FULL-FACE SHIELD.

Other Protective Equipment:EXPOSURE SHOULD BE MINIMIZED AS GOOD
INDUSTRIAL PRACTICE.

Work Hygienic Practices:AN EYE WASH FACILITY SHOULD BE READILY
AVAILABLE.

Supplemental Safety and Health

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

HCC:N1

Spec Gravity:1.61

Solubility in Water:INSOLUBLE

Appearance and Odor:LIGHT COLORED, OFF-WHITE PASTE; SULFIDE ODOR.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

NONE KNOWN.

Hazardous Decomposition Products:HEATED TO HIGH TEMP., THIS PRODUCT MAY
EMIT THE FOLLOWING COMPOUNDS: PHENOLICS,OXIDES OF
SULFUR,SMOKE,SOOT,TOXIC FUMES.

===== Disposal Considerations =====

Waste Disposal Methods:DISCARDED IN ITS ORIGINAL UNUSED FORM, THIS
PRODUCT SHOULD BE MANAGED AT AN AUTHORIZED FACILITY, IN COMPLIANCE
W/LOCAL, STATE & FEDERAL REGULATIONS. BE SURE TO CONTACT
APPROPRIATE GOV'T ENVIRONMENTAL AGENCIES IF FURTHER DISPOSAL
GUIDANCE IS REQUIRED.

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