

MORTON INTL INC SPECIALTY CHEMICALS GROUP -- THIOKOL MC-275 CLASS -- 8030-00-485-3237
===== Product Identification =====

Product ID:THIOKOL MC-275 CLASS
MSDS Date:05/28/1992
FSC:8030
NIIN:00-485-3237
Kit Part:Y
MSDS Number: BRGWG
=== 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:7
14-373-2837 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) (SARA 313)
CAS:1317-65-3
RTECS #:EV9580000
Fraction by Wt: 30-60%
Other REC Limits:NON

E SPECIFIED
OSHA PEL:15 MG/M3
ACGIH TLV:10 MG/M3

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:15 MG/M3
ACGIH TLV:10 MG/M3

Ingred Name:TITANIUM DIOXIDE (SARA 313)
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 #:LP8925000
Fraction by Wt: < 0.1%
Other REC Limit
s: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:EYE: MECHANICAL IRRITATION. SKIN: NO
ADVERSE EFFECTS. INHALATION: NO ADVERSE EFFECTS. INGESTION: CAN
CAUSE NAUSEA, VOMITING, AND GASTROINTESTINAL UPSET.
Effects of Overexposure:RESPIRATORY SYSTEM. EYES. DEPENDING ON THE
ROUTE FREQUENCY, & DURATION OF EXPOSURE, TOXICITY MAY EFFECT THESE
ORGANS.

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

First Aid:EYES: FLUSH EYES WITH WATER FOR ATLEAST 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 NECESSARY GIVE CPR.
INGESTION: GET MEDICAL

ATTENTION. UNLESS OTHERWISE ADVISED, INDUCE
VOMITING, FOLLOWED BY WATER. DON'T GIVE ANYTHING TO DROWSY,
UNCONSCIOUS PERSON.

===== 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:ANY WHO MAY BE EXPOSED TO THE PRODUCTS OF
COMBUSTION SHOULD BE EQUIPPED WITH NIOSH APPROVED POSITIVE PRE
SSURE

SCBA & FULL PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:NONE KNOWN.

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

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

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

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED
AREA.

Other Precau

tions:NO SPECIAL PRECAUTIONS ARE NEEDED, FOLLOW GOOD
MANUFACTURING & HANDLING PRACTICES. THIS CONTAINER HAZARDOUS WHEN
EMPTY. DO NOT REUSE FOR FOOD, CLOTHING OR PRODUCTS FOR HUMAN OR
ANIMAL COMSUMPTION OR W HERE SKIN CONTACT MAY OCCUR.

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

Respiratory Protection:WHEN EXPOSURE LIMITS ARE SURPASSED WEAR
NIOSH/MSHA APPROVED EQUIPMENT. DETERMINE THE APPROPRIATE TYPE
EQUIPMENT FOR SPECIFIC APPLICATIONS BY CONSULTING
THE RESPIRATOR

MANUFACTURER. THE USE OF SCBA OR AIR-SUPPLIED RESPIRATOR MAY BE
NECESS.

Ventilation:GENERAL VENTILATION. LOCAL EXHAUST VENTILATION WHEN VAPORS,
MISTS, OR DUSTS CAN BE RELEASED.

Protective Gloves:PROTECTIVE GLOVES.

Eye Protection:CHEMICAL SPLASH GOGGLES,SAFETY GLASSES.

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

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING, ESPECIALLY
BEFORE EATING, DRINKING, SMOKING, OR

USING RESTROOM FACILITIES.

Supplemental Safety and Health

CONTAMINATED CLOTHING & SHOES SHOULD BE CLEANED BEFORE REUSE.

===== 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:DISPOSE OF IN COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE & FEDERAL REGULATIONS. BE SURE TO CONTACT APPROPRIATE GOV'T ENVIRONMENTAL AGENCIES IF FURTHER DISPOSAL GUIDANCE IS REQUIRED.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department

of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.