

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:714-373-2837 EXT 11

Emergency Phone Num:800-424-9300(CHEMTREC)

Pr

eparer'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:NONE SPECIFIED

OSHA PEL:15 MG/M3

ACGIH TLV:10 MG/M3

Ingred Name:CAL

CIUM 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 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: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 FREQUE

NCY, & 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 ATTETNION
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, FOLLOWE

D 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 PRESSURE
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 FUTURE 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 Precautions:NO SPECIAL PRECAUTIONS ARE NEEDED, FOLLOW GOOD
MANUFACT

URING & HANDLING PRACTICES. THIS CONTAINER HAZARDOUS WHEN
EMPTY. DO NOT REUSE FOR FOOD, CLOTHING OR PRODUCTS FOR HUMAN OR
ANIMAL COMSUMPTION OR WHERE 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-SUPPLIE
D 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

CONTAMI

NTED 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 IM COMPLIANCE WITH ALL APPLICABLE
LOCAL, STATE & FEDERAL REGULATIONS. BE SURE TO CONTACT APPROPRIATE
GOV'T ENVIRONMENTAL AGENCIES IF FUTHER 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 Am

erica 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.