

MORTON SALT CO DIV OF MORTON-NORWICH PRODUCTS INC -- THIOKOL MC-250 A 1/6
ACCELERATOR -- 8030-00-474-1419

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

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

MSDS Date:02/10/1993

FSC:8030

NIIN:00-474-1419

Kit Part:Y

MSDS Number: CDRTX

=== Responsible Party ===

Company Name:MORTON SALT CO DIV OF MORTON-NORWICH PRODUCTS INC

Address:100 NORTH RIVERSIDE PLAZA

City:CHICAGO

S

tate:IL

ZIP:60606-1597

Country:US

Info Phone Num:312-807-2000

Emergency Phone Num:312-807-2000

CAGE:GO609

=== Contractor Identification ===

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

Company Name:MORTON SALT

Address:100 NORTH RIVERSIDE PLAZA

City:CHICAGO

State:IL

ZIP:60606-1597

Country:US

Phone:312-807-2000

CAGE:GO609

Company Name:MORTON-NORWICH PRODUCTS INC MORTON SALT CO DIV

Addr

ess:110 N WACKER DRIVER
Box:City:CHICAGO
State:IL
ZIP:60606-1514
Country:US
CAGE:85768

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Composition/Information on Ingredients
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Ingred Name:MANGANESE DIOXIDE, MANGANESE PEROXIDE *96-4*
CAS:1313-13-9
RTECS #:OP0350000
Fraction by Wt: 50-60%
OSHA PEL:5 MG/CUM
ACGIH TLV:5 MG/CUM

Ingred Name:AROMATIC HYDROCARBON
Fraction by Wt: 30-60%

Ingred Name:SODIUM HYDROXIDE, CAUSTIC SODA, LYE *96-4*
CAS:1310-73-2
RTECS #:WB4900000
Fraction by Wt: 1-5%
Other REC Limits:2MG/M
3 CEILING NIOSH
OSHA PEL:2 MG/CUM
ACGIH TLV:2 MG/CUM CEILING
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:NON-HAZARDOUS INGREDIENTS
Fraction by Wt: 1-5%

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Hazards Identification
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Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES/SKIN: CAN CAUSE MILD TO MODERATE
IRRITATION. INHALATION: CAN CAUSE IRRITATION TO THE NOSE, THROAT &
UPPER RESPI

RATORY TRACT. INGESTION: CAN CAUSE GI IRRITATION. LIVER, KIDNEY, CENTRAL & PERIPHERAL NERVOUS SYSTEM, RESPIRATORY SYSTEM, EYE, SKIN.

Explanation of Carcinogenicity: NONE

Effects of Overexposure: IRRITATION, DIZZINESS, HEADACHES, INCOORDINATION, NAUSEA, VOMITING, GI UPSET.

Medical Cond Aggravated by Exposure: LIVER, KIDNEY, RESPIRATORY SYSTEM, SKIN.

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

First Aid: EYES: FLUSH W/WATER FOR 15 MINS. SKIN: WASH W/SOAP & WATER.

INHALATION: REMOVE TO FRESH AIR. GIVE CPR, PREFERABLY BY MOUTH TO MOUTH IF NEEDED. INGESTION: INDUCE VOMITING BY EITHER GIVING SYRUP OF IPEC AC, FOLLOWED BY 2 GLASSES OF WATER/BY STICKING FINGER DOWN THROAT. DON'T GIVE ANYTHING BY MOUTH IF VICTIM IS DROWSY, UNCONSCIOUS/HAS NO GAG REFLEX. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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

Flash Point: >200F

Lower Limits: 1.27

Upper Limits: 7

Extinguishing Media:

SMALL: DRY CHEMICAL, CO2, HALON, WATER SPRAY/FOAM.

LARGE: WATER SPRAY, FOG/ALCOHOL FOAM.

Fire Fighting Procedures: USE NIOSH APPROVED POSITIVE PRESSURE SCBA & FULL PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard: MAY LIBERATE IRRITATING/TOXIC VAPORS DURING COMBUSTION/DECOMPOSITION.

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

Spill Release Procedures: SHOVEL/VACUUM & PLACE IN CLOSED CONTAINERS FOR HANDLING/DISPOSAL. DON'T FLUSH TO SEWER, STREAM/OTHER BODIES OF

WATER. EVACUATE & VENTILATE AREA. A SUPPLIED AIR RESPIRATOR/SCBA MUST BE USED FOR ENTRY INTO ENCLOSED SPACES/AREAS W/ADEQUATE VENTILATION.

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

Handling and Storage Precautions: STORE IN COOL DRY WELL VENTILATED AREA. DON'T STORE > 120F. DON'T REUSE CONTAINER FOR FOOD, CLOTHING/PRODUCTS FOR HUMAN/ANIMAL CONSUMPTION MAY OCCUR.

Other Precautions: THIS CONTAINER CAN BE HAZARDOUS WHEN EMPTY, IT CAN RETAIN P

RODUCT RESIDUES. AVOID BREATHING VAPOR &/MIST.

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

Respiratory Protection:WHEN AIRBORNE EXPOSURE LIMITS ARE SURPASSED,
WEAR A NIOSH/MSHA APPROVED EQUIPMENT. HIGH AIRBORNE CONCENTRATIONS
MAY NECESSITATE THE USE OF SCBA/A SUPPLIED AIR RESPIRATOR.

Ventilation:GENERAL DILUTION MAY BE ACCEPTABLE. LOCAL EXHAUST IS
RECOMMENDED WHEN VAPORS, MISTS/DUSTS CAN BE RELEASED.

Protective Gloves:IMPERVIOUS

Eye Protection:CHEMICAL SPLAS
H GOGGLES

Other Protective Equipment:EYE WASH FACILITY, PROTECTIVE CLOTHING.

Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE
REUSE. DISCARD CONTAMINATED SHOES.

Supplemental Safety and Health

WASH THOROUGHLY AFTER HANDLING, BEFORE EATING, DRINKING, SMOKING/USING
RESTROOM. NOTE TO PHYSICIAN: TREATMENT SHOULD BE DIRECTED AT
PREVENTING ABSORPTION, ADMINISTERING TO THE SYMPTOMS AS THEY OCCUR
& PROVIDING SUPPORTIVE THERAPY.

===== Physical/Chemical Pr
operties =====

Spec Gravity:1.9

Evaporation Rate & Reference:(N-BU AC = 1):