

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

Product ID:MC-275 ACCELERATOR

MSDS Date:07/10/1992

FSC:8030

NIIN:00-485-3237

Kit Part:Y

MSDS Number: BRGWH

=== 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:714-730-4316

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

Preparer's Nam

e: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:MANGANESE DIOXIDE

CAS:1313-13-9

RTECS #:OP0350000

Fraction by Wt: 60-70%

Other REC Limits:NONE SPECIFIED

OSHA PEL:5 MG MN/M3 CEILING

ACGIH TLV:5 MG MN/M3

Ingred Name:HYDROGENATED TERPHENYLS

C

AS:61788-32-7
Fraction by Wt: 10-30%
Other REC Limits:NONE SPECIFIED
OSHA PEL:0.5 PPM
ACGIH TLV:0.5 PPM

Ingred Name:TERPHENYLS
CAS:26140-60-3
RTECS #:WZ6450000
Fraction by Wt: 10-30%
Other REC Limits:NONE SPECIFIED
OSHA PEL:C 1.0 PPM
ACGIH TLV:C 0.53 PPM; 9394

Ingred Name:ETHOXYLATED NONYLPHENOL PHOSPHATE
CAS:51811-79-1
Fraction by Wt: 1-5%
Other REC Limits:NONE SPECIFIED

Ingred Name:DIPHENYL GUANADINE, 1,3-
CAS:102-06-7
RTECS #:MF0875000
Fraction by Wt: 1-5%
Other REC Limits:NONE SPECIFIED

Ingred Name:SODIUM HYDROXIDE
CAS:1310-73-2
RTECS #:WB4900000
Fraction by Wt: 1-5%
Other REC Limits:NONE SPECIFIED
OSHA PEL:2 MG/M3
ACGIH TLV:C 2 MG/M3; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE: MILD TO MODERATE IRRITATION.
SKIN: IRRITATION CAN OCCUR FOLLOWING PROLONGED/REPE

ATED CONTACT; &
HYPERSENSIT. REACTIONS IN SUSCEPTIBLE INDIVIDUALS. INHALATION: NO
ADVERSE EFFECTS ARE EXPECTED. ING ESTION: CAN CAUSE
GASTROINTESTINAL UPSET.
Effects of Overexposure:DEPENDING ON ROUTE, FREQUENCY, & DURATION OF
EXPOSURE, TOXICITY MAY EFFECT IN THE FOLLOWING ORGANS &/OR SYSTEMS:
LIVER, KIDNEY, EYE, SKIN, IMMUNE SYSTEM (E.G. ALLERGIC REACTIONS).
Medical Cond Aggravated by Exposure:INDIVIDUALS W/MED.CONDITIONS
INVOLVING FOLLOWING ORGAN(S) &/OR SYSTEM(S) SHOUL
D TAKE APPROP.
PRECAUTIONS WHEN HANDLING THIS PRODUCT: LIVER, KIDNEY, SKIN, IMMUNE
SYSTEM &/OR SPECIFIC CHEMICAL ALLERGIES

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

First Aid:EYES: FLUSH EYES WITH WATER FOR ATLEAST 15 MINUTES. LIFT
EYELIDS FREQUENTLY. GET MEDICAL ATTENTION. SKIN: REMOVE & WASH
CONTAMINATED CLOTHING BEFORE REUSE. WASH WITH SOAP & WATER TO
AFFECTED AREA. CON SULT A PHYSICIAN. INHALATION: REMOVE TOFRESH
AIR. GIVE CPR IF NECESSARY
. GET MEDICAL ATTENTION IF SYMPTOMS
DEVELOP. INGESTION: GET MEDICAL ATTENTION. UNLESS ADVISED
OTHERWISE, INDUCE VOMIT.

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

Flash Point Method:SCC
Flash Point:>200F,>93C
Extinguishing Media:SMALL FIRES, DRY CHEMICAL, CO2, FOAM, HALON, WATER
SPRAY, LARGE FIRES, WATER SPRAY, FOG, ALCOHOL FOAM.
Fire Fighting Procedures:ANY EXPOSED TO THE PRODUCTS OF COMBUSTION
SHOULD BE EQUIPPED W/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 FURTHER 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. NO SPECIAL PRECAUTIONS

ARE NEEDED. FOLLOW GOOD MANUFACTURING
& HANDLING PRACTICES.

Other Precautions:THIS CONTAINER CAN BE HAZARDOUS WHEN EMPTY, BECAUSE
IT CAN RETAIN PRODUCT RESIDUES, THEREFORE, DO NOT REUSE CONTAINER
FOR FOOD, CLOTHING, OR PRODUCTS FOR HUMAN OR ANIMAL CONSUMPTION OR
WHERE SKIN CONT ACT MAY OCCUR.

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

Respiratory Protection:HIGH AIRBORNE CONCENTRATIONS MAY NECESSITATE THE
USE OF SCBA OR A SUPPLIED AIR RESPIRATOR. I

N ADDITION, RESPIRATORY
PROTECTION PROGRAMS MUST BE IN COMPLIANCE WITH 29 CFR 1910.134.
WEAR NIOSH/ MSHA APP ROVED EQUIPMENT; OBSERVE RESPIR. LIMITAT

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

Protective Gloves:APPROPIATE IMPERVIOUS GLOVES.

Eye Protection:CHEMCIAL GOGGLES, SAFETY GLASSES.

Other Protective Equipment:AN EYE WASH FACILITY SHOULD BE READILY
AVAILABLE. REMOVE & WASH CONTAMINATED CLOTHING BEFORE REUS
E AS WELL
AS SHOES.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING, ESPECIALLY
BEFORE EATING, DRINKING, SMOKING, OR USING RESTROOM FACILITIES.

Supplemental Safety and Health

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

HCC:N1
Vapor Pres:0.1
Vapor Density:> 1
Spec Gravity:2.1
Evaporation Rate & Reference:< 1
Appearance and Odor:BLACK PASTE; PHENYL ODOR.

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

Stability Indicator/Materials
to Avoid:YES
STRONG OXIDIZING AGENTS, CHEMICALLY ACTIVE METALS (E. G. NICKEL,
COBALT, IRON, COPPER)

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

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

Waste Disposal Methods:DISCARDED IN ITS ORIGINAL UNUSED FORM, THIS
PRODUCT SHOULD BE MANAGED AT AN AUTHORIZED FACILITY, IN COMPLIANCE
WITH ALL APPLICABLE LOCAL,

STATE & FEDERAL REGULATIONS. BE SURE TO
CONTACT APPROP. GOV'T ENVIRONMENTAL AGENCIES IF FURTHER DISPOSAL
REQUIRED

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