

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

Product ID:MC-275 ACCELERATOR

MSDS Date:07/10/1992

FSC:8030

NIIN:00-348-7888

Kit Part:Y

MSDS Number: BRGJN

=== 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:714-730-4316/312-807-3422

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:MANGANESE DIOXIDE

CAS:1313-13-9

RTECS #:OP0350000

Fraction by Wt: 60-70%

Other REC Limits:NONE SPECIFIED

OSHA PEL:MN (FUME) 3 MG/M3

ACGIH TLV:MN 5MG/M3 RESP FRACT

Ingred Name:TERPH

ENYL, HYDROGENATED  
CAS:61788-32-7  
RTECS #:WZ6535000  
Fraction by Wt: 10-30%  
Other REC Limits:\* CEILING  
OSHA PEL:0.5 PPM, 5 MG/M3  
ACGIH TLV:0.5 PPM, 4.7 MG/M3 \*

Ingred Name:TERPHENYL  
CAS:26140-60-3  
RTECS #:WZ6450000  
Fraction by Wt: 1-5%  
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:DIPHENYLGUANIDINE, 1,3-  
CAS:102-06-7  
RTECS #:MF0875000  
Fra  
ction by Wt: 1-5%  
Other REC Limits:NONE SPECIFIED

Ingred Name:SODIUM HYDROXIDE (SARA III)  
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

Ingred Name:NON-HAZARDOUS INGREDIENTS  
Fraction by Wt: 1-5%  
Other REC Limits:NONE SPECIFIED

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute a

nd Chronic:ACUTE; EYE: IRRITATION. INGESTION:  
GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING & GASTROINTESTINAL  
UPSET. DEPENDING ON THE ROUTE, FREQUENCY, AND DURATION OF EXPOSURE,  
TOXICITY MAY EFFECT THE FOLLOWIN G ORGANS OR SYSTEMS: LIVER,  
KIDNEY, EYE, SKIN, IMMUNE SYSTEM (E.G., ALLERGIC REACTIONS).  
Effects of Overexposure:CHRONIC; SKIN: IRRITATION CAN OCCUR FOLLOWING  
PROLONGED OR REPEATED CONTACT. CONTACT CAN CAUSE HYPERSENSITIVITY  
(I.E., ALLERGIC REACTIONS) IN SUSCEPTIB  
LE INDIVIDUALS.  
Medical Cond Aggravated by Exposure:MAY AGGRAVATE EXISTING MEDICAL  
CONDITIONS. INDIVIUALS WITH MEDICAL CONDITIONS INVOLVING: LIVER,  
KIDNEY, SKIN, IMMUNE SYSTEM OR SPECIFIC CHEMICAL ALLERGIES.

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

First Aid:EYE: FLUSH EYES W/WATER 15 MIN. LIFT EYELID. GET PROMPT MED  
AID. SKIN: REMOVE CONTAM CLOTH/SHOES. WASH SKIN W/SOAP & WATER. IF  
IRRIT, SEE DR. INHAL: REMOVE TO FRESH AIR. IF SYMPTOMS, GET IMMED

MED AID . NOT BREATH, GIVE ARTIF RESPRTN (MOUTHTO MOUTH). INGEST:  
GET MED AID. UNLESS ADVISED, INDUCE VOMIT (IPECAC THEN 2 GLASSES  
WATER/FINGER DOWN THROAT). NOTHING BY MOUTH TO UNCONSCIOUS, DROWSY  
PERSON.

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

Flash Point Method:SCC

Flash Point:>200F,>93C

Extinguishing Media:SMALL FIRES: USE DRY CHEMICAL, CARBON DIOXIDE,  
HALON, WATER SPRAY, FOAM. LRG FIRES: WATER SPRAY, FOG, ALCOHOL  
FOAM.

Fire Fighting Proce

dures:FIRE FIGHTERS AND OTHERS EXPOSED TO COMBUSTION  
SHOULD BE EQUIPPED WITH NIOSH POSITIVE PRESSURE SELF-CONTAINED  
BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:NONE KNOWN

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

Spill Release Procedures:SHOVEL/VACUUM SPILL. PLACE IN CLOSED  
CONTAINERS. DONT FLUSH TO SEWER, STREAM, OTHER WATER BODIES. IF  
AIRBORNE CONC ABOVE TLV/PEL, EVACUATE EMPLOYEES, VENT AREA. USE  
SUPPLD AIR RS

PRTR/SCBA FOR ENCLOSED SPACES, OR W/INADEQUATE VENTILATION.

===== 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 CONTACT MAY OCCUR.

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

Respiratory Protection:ABOVE TLV/PEL, DETERMINE NIOSH/MSHA EQUIP FOR APPLICATION BY CONSULTING RESPIRATOR MFR. OBSERVE RESPIRATOR LIMITATIONS SPECIFIED BY NIOSH/MSHA OR MFR. MAY NEED SCBA OR SUPPLIED AIR RESPIRATOR. SEE 29 CFR 19.10.134 FOR RESPIRATORY PROTECTION PROGRAMS.

Ventilation:KEEP BELOW TLV/PEL W/INADEQUATE VENT. GENERAL (DILUTION) VENT ACCEPTABLE. LOCAL EXHAUST VENT RECOMMENDED FOR VAPOR/MIST,DUST

Protective Gloves:WEAR IMPERMEABLE GLOVES (SEE MFR)

Eye Protection:SPLASH GOGGLES/SAFETY GLASSES W/SHIELDS

Other Protective Equipment:WEAR PROTECTIVE CLOTHING & APPROPRIATE GLOVES. VARIETY OF PROTECTIVE GLOVES EXIST, CONSULT GLOVES MFR FOR PROPER TYPE.

Work Hygienic Practices:WASH AFTER HANDLING, BEFORE EATING, DRINKING, SMOKING, USING RESTROOM. WASH & DRY CONTAMINATED CLOTHING & SHOES BEFORE REUSE.

Supplemental Safety and Health

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

HCC:N1

Vapor Pressure:0.1

Vapor Density:>1

Specific Gravity:2.1

Evaporation Rate & Reference: