View NSN Online: https://aerobasegroup.es/nsn/8030-00-753-4599

INTERNATIONAL, INCORPORATED -- THIOKOL MC-236 ACCELERATOR MORTON 8030-00-753-4599 Product ID:THIOKOL MC-236 ACCELERATOR MSDS Date:07/09/1992 FSC:8030 NIIN:00-753-4599 Kit Part:Y MSDS Number: BRQPQ === Responsible Party === Company Name: MORTON INTERNATIONAL, INCORPORATED Address:100 NORTH RIVERSIDE PLAZA City:CHICAGO State:IL ZIP:60606 Country:US Info Phone Num

:714-373-2837 EXTENSION 11 Emergency Phone Num:800-424-9300 (CHEMTREC)

Preparer's Name: DAVID B. WIENCKOWSKI

CAGE:DO471 === Contractor Identification ===

Company Name: MORTON INTERNATIONAL; SPECIALTY CHEM GRP Address: 333 WEST WACKER

City:CHICAGO

State:IL

ZIP:60606-1292

Phone:815-338-1800

CAGE:DO471 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 In

gredients ========

Ingred Name:MANGANESE DIOXIDE CAS:1313-13-9 RTECS #:OP0350000 Fraction by Wt: 60-70% Other REC Limits:NONE SPECIFIED

Ingred Name:HYDROGENATED TERPHENYL CAS:61788-32-7 Fraction by Wt: 10-30% Other REC Limits:NONE SPECIFIED OSHA PEL:0.5 PPM C;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 NONYLPHEOL PHOSP HATE Fraction by Wt: 1-5% Other REC Limits:NONE SPECIFIED

Ingred Name:1,3-DIPHENYL GUANADINE 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

Health Hazards Acute and Chronic:DEPENDING ON THE R

OUTE, FREQUENCY, & DURATION OF EXPOSURE TOXICITY MAY EFFECT IN THE FOLLOWING ORGANS AND OR SYSTEMS: LIVER, KIDNEY, EYE, SKIN, IMMUNE SYSTEM (E.G. ALLERGIC REACTIONS). Effects of Overexposure: EYE: CAN CAUSE MILD TO MODERATE IRRITATION. SKIN: IRRITATION CAN OCCUR FOLLOWING REPEATED/PROLONGED CONTACT & HYPERSENSITVITY (I.E. ALLERGIC) REACTIONS IN SUSCEPTIBLE INDIVIDUALS. INHALATION: CAN CAUS E DIZZINESS, HEADACHES, & INCO-ORDINATION. INGESTION: CAN CAUSE GASTROINTESTINAL **IRRITATION &** UPSET, & VOMITING. Medical Cond Aggravated by Exposure: SOME OF THE COMPONENTS IN THIS PRODUCT MAY AGGRAVATE EXISTING MEDICAL CONDITIONS. INDIVIDUALS W/MEDICAL CONDITIONS INVOLVING THE FOLLOWING: LIVER, KIDNEY, SKIN, **IMMUE SYSTEM &/OR SPECIFIC CHEM ALLERGY** First Aid:EYE: FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES. IF IRRITATION DEVELOPS, CONSULT A PHYSICIAN. SKIN: WASH AFFECTED AREA WIT H SOAP & WATER. IF IRRITATION DEVELOPS, CONSULT A PHYSICIAN. INHALATION: RE MOVE TO FRESH AIR. IF SYMPTOMS DEVELOP. SEEK MED AID IMMED. RESTORE BREATHING. INGESTION: GET MED AID. UNLESS ADVISED OTHERWISE, INDUCE VOMITING. DO NOT GIVE ANYTHING BY MOUTH IF DROWSY **OR UNCONSCIOUS** Flash Point Method:SCC Flash Point:>200F,>93C Extinguishing Media: SM FIRES: USE DRY CHEMICAL, CARBON DIOXIDE (CO2), HALON, WATER SPRA Y, FOAM. LRG FIRES USE WATER SPRAY, FOG, ALOCOHL FOAM Fire Fighting Procedures: FIRE FIGHTERS & OTHERS WHO MAY BE EXPOSED TO THE PRODUCTS OF COMBUSTION SHOULD BE EQUIPPED WITH POSITIVE PRESSURE SCBA & FULL PROTECTIVE CLOTHING. Unusual Fire/Explosion Hazard:NONE KNOWN Spill Release Procedures: SHOVEL OR VACUUM SPILLED PRODUCT & PLACE IN

CLOSED CONTAINERS FOR FUTHER HANDLING & DISPOSAL. DO NOT FLUSH TO SEWER, S

TREAM, OR OTHER BODIES OF WATER.

Handling and Storage Precautions: IF THE AIRBORNE CONCENTRATION EXCEEDS ESTABLISHED EXPOSURE LIMITS (TLV OR PEL), OR IF HIGH AIRBORNE CONCENTRATIONS CAN OCCUR, EVACAUATE & VENT AREA. Other Precautions: A SUPPLIED AIR RESPIRATOR OR SELF-CONTAINED BREATHING APPARATUS (SCBA) SHOULD BE USED FOR ENTRY INTO ENCLOSED SPACES, OR IN AREAS WITH INADEQUATE VENTILATION. ====== Exposu Respiratory Protection: WHEN LIMITS ARE EXCEEDED USE NIOSH/MSHA APPROVED EQUIPMENT. DETERMINE THE APPROPRIATE TYPE EQUIPMENT FOR SPECIFIC APPLICATION BY CONSULTING THE RESPIRATOR MANUFACTURER OBSERVE THE RESPIRATOR USE LIMIT ATIONS SPECIFIED BY NIOSH/MSHA OR MANUF. Ventilation: MAINTAIN AIRBORNE CONCENTRATIONS BELOW LIMITS. GENERAL (DILUTION) VENTILATION ACCEPTABLE LOCAL EXHAUST IS RECOMMENDED. Protective Gloves: IMPERVIOUS GLOVES Eve Protection: CHEMICAL SPLASH GOGGLES Other Protective Equipment: AN EYE WASH FACILITY SHOULD BE READILY AVAILABLE. IMPERVIOUS CLOTHING TO PREVENT SKIN CONTACT. Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING, BEFORE EATING, SMOKING, DRINKING OR USING RESTROOM FACILITIES. Supplemental Safety and Health KEY1:N1. REMOVE & WASH CONTAMINATED CLOTHING BEFORE REUSE.

HCC:N1 Vapor Pres:0.1 Spec Gravity:2.1 (WATER=1) Viscos ity:100-500 POISE Evaporation Rate & amp; Reference:< 1 (N-BUTYL ACETATE = 1) Solubility in Water:SLIGHTLY SOLUBLE Appearance and Odor:BLACK PASTE; PHENYL ODOR

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

Hazardous Decomposition Products:HEATED HIGH TEMP, EMIT FOLLOWING: AMINES, OXIDES OF NITROGEN,SMOKE,SOOT,TOXIC FUMES,CARBON MONOXIDE/DIO

XIDE, METAL OXIDES

Waste Disposal Methods: IF DISCARDED IN ITS ORIGINAL UNUSED FORM, THIS PRODUCT SHOULD BE MANAGED AT AN AUTHORIZED FACILITY IN COMPLIANCE WITH LOCAL, STATE & FEDERAL REGULATIONS. CONTACT APPROPRIATE GOV'T EPA IF FURTHER DISPO SAL GUIDANCE IS REQUIRED.

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Def

ense. 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.