

## **MOCA**

### **MSDS Number**

BCDCG

### **National Stock Number**

6810-00K001540

### **Product Name**

MOCA

### **Manufacturer**

E I DUPONT DE NEMOURS AND COMPANY

### **Product Identification**

Product ID:MOCA  
MSDS Date:01/01/1985  
FSC:6810  
NIIN:00K001540  
MSDS Number: BCDCG

### **Responsible Party**

E.I. DUPONT DE NEMOURS & COMPANY  
Emergency Phone: (302)774-2421  
Cage: 19898

### **Contractor**

E.I. DUPONT DE NEMOURS & CO., INC.  
1635  
WILMINGTON, DE 19898  
US  
800-441-7515;800-441-9442  
Cage: 19898

### **Ingredients**

4,4'-METHYLENE BIS (2-CHLOROANILINE) MOCA (SARA III)  
CAS: 101-14-4  
RTECS: CY1050000  
Fraction By Weight: 100%  
OSHA PELS, 0.02 PPM  
ACGIH TLV: S, 0.01 PPM,A2; 9394  
EPA Report Quantity: 10 LBS  
DOT Report Quantity: 10 LBS

### **Hazards**

Effects of Overexposure:SKIN:CAUSES CYANOSIS BY ABSORPTION;INH:HARMFUL  
IF ABSORBED BY INHLATION;CANCER SUSPECT.

### **First Aid**

First Aid:IF MOLTEN MOCA SPILLD ON SKIN,WILL SOLIDIFYIMMED,MAY BE  
REMOVED MECHANICALLY;WASH SKIN W/SOAP & H\*20;SYMPTOMS OF O\*2  
DEFICIENCY SUCH AS HEADACHES & WEAKNESS CAN BE TREATED W OXYGEN  
ADMINISTRATION;IN E ITHET CASE,IMMEDIATELY GET MED ATTN/GO TO  
HOSPTL.

### **Fire Fighting**

Flash Point:480F-OC  
Lower Limits:UNK  
Upper Limits:UNK  
Extinguishing Media:CO\*2, FOAM, DRY CHEM.  
Fire Fighting Procedures:AVOID CONT W CHEM; GOGGLES, SCBA. COOL EXPD  
CONTRS W/H\*20.  
Unusual Fire/Explosion Hazard:SHOULD THERMAL BREAKDOWN OCCURE EXCESSV  
PRESSURE COULD BE GENERATED & AN EXPLOSION HAZ COULD BE POSS

## Accidental Release

Spill Release Procedures:IF MOLTEN IS SPILLED,EVACUATE,AREA.WAIT UNTIL  
MOCA CRYSTALLIZES OT AVOID VAP HAZ.USE APPROPROTCTV EQUIP DURING  
CLEAN UP(ELIM IGN SOURCES);THE HARD MATL CAN BE BROKEN UP & SWEEP  
UP.COVER PELLETS W/WET SAND/EARTH,SWEEP & PLACE IN COVERED  
CONTAINR.

## Handling

Handling and Storage Precautions:STORE IN COOL,DRY,WELL VENTILATED  
AREA. PROTECT FROM PHYSICAL DAMAGE. KEEP CONTAINERS CLOSED.  
MAINTAIN STRICT HYGIENE FOR CHEM HANDLING.  
Other Precautions:READ MFR BULLENTIN AP-710.1 BEFORE USE;TAKE SHOWER  
BEFORE CHNGING TO STREET CLOTHES;USE DUST RESP FOR MOCA DUST;KEEP  
GOOD VENTILATION TO KEEP FM DUST;PROCSSG TEMP MAX 285F;SEE SUPPL  
DATA.

## Exposure Controls

Respiratory Protection:AIR SUPPLD FACE MASKS WHERE EXPOSURE TO FUMES  
OCCURS.  
Ventilation:LOCAL EXHAUST:100FT/MINUTE;MECH(GEN)ALSO REQD IN WORK AREA.  
Protective Gloves:RUBBER/NEOPRENE  
Eye Protection:SIDE SHIELD SAFTY GLASSES  
Other Protective Equipment:WEAR FRESH LAUND COAT,LONG SLEEVE  
SHIRT/PANTS IN EACH SHIFT.  
Supplemental Safety and Health  
MSDS FM MFR DATED:08/77;AIR MONITORING AT WORK AREA RECOMMENDED;DO NOT  
BREATHE VAP. DO NOT GET ON SKIN;MOCA IS CANCER SUSPECT CHEM.WHEN  
PROCSSG LIQ ADIPRENE POLYMER,VAP OCCURS FM MOLTEN MOCA.

## Chemical Properties

HCC:T6  
Spec Gravity:1.44  
Solubility in Water:NEGLIGIBLE  
Appearance and Odor:YELLOW-TAN PELLETS.SLIGHT AMINE ODOR.

## Stability

Stability Indicator/Materials to Avoid:YES  
CORROSIVE/OXIDIZING MATL  
Stability Condition to Avoid:AVOID HIGH TEMP(MOCA WILL DECOMPOSE APPROX  
AT 400F)  
Hazardous Decomposition Products:ORTHO CHLOROANILIN IF FORMED BY  
DECOMPOSITION  
Conditions to Avoid Polymerization:EXCESSIVE TEMP. USE  
"FAIL-SAFE"MECHANISM FOR TEMP CONTROL.

## Disposal

Waste Disposal Methods:KEEP IN COVERED DRUMS,PENDING DISPOSAL. HANDLE &  
DISPOSE IN FULL COMPLIANCE WITH ALL APPLICABLE  
INTERNATIONAL,FEDERAL,STATE, & LOCAL REGULATIONS.

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 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.

