

## Material Safety Data Sheet

**Product Name:** CRAYOLA(R) CRAYONS

**Product Family:**

### 1. Chemical Product and Company Identification

BINNEY & SMITH  
1100 CHURCH LANE  
EASTON, PA 18044  
1-800-272-9652

EMERGENCY TELEPHONE NUMBER:  
1-800-535-5053  
or call local POISON CONTROL CENTER

SUBSTANCE: CRAYOLA(R) CRAYONS

TRADE NAMES/SYNONYMS:

CRAYOLA CRAYONS; CRAYOLA MULTICULTURAL CRAYONS; CRAYOLA CRAYONS 112 CT. BOX;  
PRODUCT COLOR/CODES: 52-0716; 52-008F; 52-064D; 52-0836; 52-8008; 52-0040;  
52-008M; 52-080W; 52-3006; 52-8038; 52-0041; 52-008P; 52-0241; 52-3008;  
52-8389; 52-0048; 52-008W; 52-0322; 52-3012; 04-7796; 52-0060; 52-016F;  
52-0333; 52-3016; 52-0952; 52-0064; 52-0160; 52-0336; 52-3024; 52-0080;  
52-0083; 52-033B; 52-0389; 52-3080; 52-0096; 52-038F; 52-0391; 52-7096;  
52-0006; 52-0008; 52-0016; 52-0024; 52-0012; 52-0029; 52-0033; 52-0038;  
52-8902; 52-0004; 66-1300; 52-0092; 52-8017; 52-8018; 52-8360; 52-8904;  
52-8908; 52-8016; 52-6825; 04-4845; 04-2457; 04-5680; CRAYON MAKER REFILLS  
(FAVORITE COLORS) 04-9023-0-303; (ASSORTED) 04-9023-0-000; 52-3300-9-xxx;  
04-9023-X-XXX; BNSSS145

PRODUCT USE: Arts and Crafts

CREATION DATE: Nov 21 1997

REVISION DATE: Dec 07 2006

### 2. Composition, Information on Ingredients

COMPONENT: Product has been certified as non-toxic by The Art and Creative Materials Institute, Inc. and conforms to ASTM D-4236 Standard Practice for Labeling Art Materials for Acute and Chronic Adverse Health Hazards.

CAS NUMBER: Not assigned.

EC NUMBER: Not assigned.

PERCENTAGE: 100.0

### 3. Hazards Identification



NFPA RATINGS (SCALE 0-4): HEALTH=1 FIRE=1 REACTIVITY=0

EMERGENCY OVERVIEW:

COLOR: various colors

PHYSICAL FORM: wax

ODOR: distinct odor

MAJOR HEALTH HAZARDS: No significant target effects reported.

POTENTIAL HEALTH EFFECTS:

INHALATION:

none

## Material Safety Data Sheet

### SKIN CONTACT:

none

### EYE CONTACT:

none

### INGESTION:

none

### CARCINOGEN STATUS:

OSHA: No

NTP: No

IARC: No

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## 4. First Aid Measures

INHALATION: It is unlikely that emergency treatment will be required. Remove from exposure. Get medical attention, if needed.

SKIN CONTACT: It is unlikely that emergency treatment will be required. If adverse effects occur, wash with soap or mild detergent and large amounts of water. Get medical attention, if needed.

EYE CONTACT: It is unlikely that emergency treatment will be required. Wash with large amounts of water or normal saline until no evidence of chemical remains (at least 15-20 minutes). Get medical attention immediately.

INGESTION: Contact local poison control center or physician immediately.

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## 5. Fire Fighting Measures

FIRE AND EXPLOSION HAZARDS: Slight fire hazard.

EXTINGUISHING MEDIA: regular dry chemical, carbon dioxide, water, regular foam

FIRE FIGHTING: Move container from fire area if it can be done without risk. Avoid inhalation of material or combustion by-products.

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## 6. Accidental Release Measures

### OCCUPATIONAL RELEASE:

Collect spilled material in appropriate container for disposal.

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## 7. Handling and Storage

STORAGE: Store and handle in accordance with all current regulations and standards. See original container for storage recommendations. Keep separated from incompatible substances.

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## 8. Exposure Controls, Personal Protection

### EXPOSURE LIMITS:

#### CRAYOLA(R) CRAYONS:

No occupational exposure limits established.

## Material Safety Data Sheet

VENTILATION: Based on available information, additional ventilation is not required.

EYE PROTECTION: Eye protection not required under normal conditions.

CLOTHING: Protective clothing is not required under normal conditions.

GLOVES: Protective gloves are not required under normal conditions.

RESPIRATOR: No respirator is required under normal conditions of use.  
Under conditions of frequent use or heavy exposure, respiratory protection may be needed.

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### 9. Physical and Chemical Properties

PHYSICAL STATE: solid  
COLOR: various colors  
PHYSICAL FORM: wax  
ODOR: distinct odor  
BOILING POINT: Not applicable  
MELTING POINT: Not available  
VAPOR PRESSURE: Not applicable  
VAPOR DENSITY: Not applicable  
SPECIFIC GRAVITY: Not available  
WATER SOLUBILITY: Not available  
PH: Not applicable  
VOLATILITY: Not applicable  
ODOR THRESHOLD: Not available  
EVAPORATION RATE: Not applicable  
COEFFICIENT OF WATER/OIL DISTRIBUTION: Not available

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### 10. Stability and Reactivity

REACTIVITY: Stable at normal temperatures and pressure.

CONDITIONS TO AVOID: None reported.

INCOMPATIBILITIES: halogens, oxidizing materials

HAZARDOUS DECOMPOSITION:

Thermal decomposition products: May release oxides of carbon. Provide adult supervision in a well ventilated area for techniques involving melted crayons. Ironing should be done by an adult in a well ventilated area.

Overheating wax crayons during melting or ironing may release irritating fumes.

POLYMERIZATION: Will not polymerize.

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### 11. Toxicological Information

Not available

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### 12. Ecological Information

Not available

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### 13. Disposal Considerations

Dispose in accordance with all applicable regulations.

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### 14. Transport Information

U.S. DEPARTMENT OF TRANSPORTATION: No classification assigned.

CANADIAN TRANSPORTATION OF DANGEROUS GOODS: No classification assigned.

LAND TRANSPORT ADR: No classification assigned.

LAND TRANSPORT RID: No classification assigned.

AIR TRANSPORT IATA: No classification assigned.

AIR TRANSPORT ICAO: No classification assigned.

MARITIME TRANSPORT IMDG: No classification assigned.

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### 15. Regulatory Information

U.S. REGULATIONS:

CERCLA SECTIONS 102a/103 HAZARDOUS SUBSTANCES (40 CFR 302.4): Not regulated.

SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355.30):  
Not regulated.

SARA TITLE III SECTION 304 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355.40):  
Not regulated.

SARA TITLE III SARA SECTIONS 311/312 HAZARDOUS CATEGORIES (40 CFR 370.21):  
ACUTE: No  
CHRONIC: No  
FIRE: No  
REACTIVE: No  
SUDDEN RELEASE: No

SARA TITLE III SECTION 313 (40 CFR 372.65): Not regulated.

OSHA PROCESS SAFETY (29CFR1910.119): Not regulated.

STATE REGULATIONS:

California Proposition 65: Not regulated.

CANADIAN REGULATIONS:

WHMIS CLASSIFICATION: Not determined.

EUROPEAN REGULATIONS:

EC CLASSIFICATION (CALCULATED): Not determined.

NATIONAL INVENTORY STATUS:

U.S. INVENTORY (TSCA): Listed on inventory.

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TSCA 12(b) EXPORT NOTIFICATION: Not listed.

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**16. Other Information**

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MSDS SUMMARY OF CHANGES

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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## Material Safety Data Sheet

**Product Name:** CRAYOLA(R) POWDER PAINT

**Product Family:**

### 1. Chemical Product and Company Identification

BINNEY & SMITH  
1100 CHURCH LANE  
EASTON, PA 18044  
1-800-272-9652

EMERGENCY TELEPHONE NUMBER:  
1-800-535-5053  
or call local POISON CONTROL CENTER

SUBSTANCE: CRAYOLA(R) POWDER PAINT

TRADE NAMES/SYNONYMS:

CRAYOLA POWDER PAINT; PRODUCT COLORS/CODES: 59-1600-9-007W - BROWN;  
59-1600-1-007W - BROWN; 59-1600-9-033W - PEACH; 59-1600-1-033W - PEACH;  
59-1600-9-034W - YELLOW; 59-1600-1-034W - YELLOW; 59-1600-9-036W - ORANGE;  
59-1600-1-036W - ORANGE; 59-1600-9-038W - RED; 59-1600-1-038W - RED;  
59-1600-9-040W - VIOLET; 59-1600-1-040W - VIOLET; 59-1600-9-042W - BLUE;  
59-1600-1-042W - BLUE; 59-1600-9-044W - GREEN; 59-1600-1-044W - GREEN;  
59-1600-9-048W - TURQUOISE BLUE; 59-1600-1-048W - TURQUOISE BLUE;  
59-1600-9-051W - BLACK; 59-1600-1-051W - BLACK; 59-1600-9-053W - WHITE;  
59-1600-1-053W - WHITE; 59-1600-9-069W - MAGENTA; 59-1600-1-069W - MAGENTA;  
BNSSS186

PRODUCT USE: Arts and Crafts

CREATION DATE: Nov 18 1997

REVISION DATE: Mar 19 2003

### 2. Composition, Information on Ingredients

COMPONENT: Product has been certified as non-toxic by The Art and Creative Materials Institute, Inc. and conforms to ASTM D-4236 Standard Practice for Labeling Art Materials for Acute and Chronic Adverse Health Hazards.

CAS NUMBER: Not assigned.

EC NUMBER: Not assigned.

PERCENTAGE: 100

### 3. Hazards Identification



NFPA RATINGS (SCALE 0-4): HEALTH=1 FIRE=0 REACTIVITY=0

EMERGENCY OVERVIEW:

COLOR: various colors

PHYSICAL FORM: powder

ODOR: odorless

MAJOR HEALTH HAZARDS: No significant target effects reported.

POTENTIAL HEALTH EFFECTS:

INHALATION:

none

SKIN CONTACT:

## Material Safety Data Sheet

none  
EYE CONTACT:

none  
INGESTION:  
none

CARCINOGEN STATUS:

OSHA: No  
NTP: No  
IARC: No

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### 4. First Aid Measures

INHALATION: It is unlikely that emergency treatment will be required. Remove from exposure. Get medical attention, if needed.

SKIN CONTACT: It is unlikely that emergency treatment will be required. If adverse effects occur, wash with soap or mild detergent and large amounts of water. Get medical attention, if needed.

EYE CONTACT: It is unlikely that emergency treatment will be required. Wash with large amounts of water or normal saline until no evidence of chemical remains (at least 15-20 minutes). Get medical attention immediately.

INGESTION: Contact local poison control center or physician immediately.

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### 5. Fire Fighting Measures

FIRE AND EXPLOSION HAZARDS: Negligible fire hazard.

EXTINGUISHING MEDIA: Use extinguishing agents appropriate for surrounding fire.

FIRE FIGHTING: Move container from fire area if it can be done without risk. Avoid inhalation of material or combustion by-products.

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### 6. Accidental Release Measures

OCCUPATIONAL RELEASE:  
Collect spilled material in appropriate container for disposal.

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### 7. Handling and Storage

STORAGE: Store and handle in accordance with all current regulations and standards. See original container for storage recommendations. Keep separated from incompatible substances.

HANDLING: Use methods to minimize dust.

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### 8. Exposure Controls, Personal Protection

EXPOSURE LIMITS:

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CRAYOLA(R) POWDER PAINT:

No occupational exposure limits established.

VENTILATION: Based on available information, additional ventilation is not required.

EYE PROTECTION: Eye protection not required under normal conditions.

CLOTHING: Protective clothing is not required under normal conditions.

GLOVES: Protective gloves are not required under normal conditions.

RESPIRATOR: No respirator is required under normal conditions of use.

Under conditions of frequent use or heavy exposure, respiratory protection may be needed.

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### 9. Physical and Chemical Properties

PHYSICAL STATE: solid

COLOR: various colors

PHYSICAL FORM: powder

ODOR: odorless

BOILING POINT: Not applicable

MELTING POINT: Not available

VAPOR PRESSURE: Not applicable

VAPOR DENSITY: Not applicable

SPECIFIC GRAVITY: Not available

WATER SOLUBILITY: Not available

PH: Not applicable

VOLATILITY: Not applicable

ODOR THRESHOLD: Not available

EVAPORATION RATE: Not applicable

COEFFICIENT OF WATER/OIL DISTRIBUTION: Not available

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### 10. Stability and Reactivity

REACTIVITY: Stable at normal temperatures and pressure.

CONDITIONS TO AVOID: None reported.

INCOMPATIBILITIES: acids, amines, metals

HAZARDOUS DECOMPOSITION:

Thermal decomposition products: oxides of calcium

POLYMERIZATION: Will not polymerize.

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### 11. Toxicological Information

Not available

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### 12. Ecological Information

Not available

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### 13. Disposal Considerations

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Dispose in accordance with all applicable regulations.

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### 14. Transport Information

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U.S. DEPARTMENT OF TRANSPORTATION: No classification assigned.

CANADIAN TRANSPORTATION OF DANGEROUS GOODS: No classification assigned.

LAND TRANSPORT ADR: No classification assigned.

LAND TRANSPORT RID: No classification assigned.

AIR TRANSPORT IATA: No classification assigned.

AIR TRANSPORT ICAO: No classification assigned.

MARITIME TRANSPORT IMDG: No classification assigned.

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### 15. Regulatory Information

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U.S. REGULATIONS:

CERCLA SECTIONS 102a/103 HAZARDOUS SUBSTANCES (40 CFR 302.4): Not regulated.

SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355.30):  
Not regulated.

SARA TITLE III SECTION 304 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355.40):  
Not regulated.

SARA TITLE III SARA SECTIONS 311/312 HAZARDOUS CATEGORIES (40 CFR 370.21):

ACUTE: No

CHRONIC: No

FIRE: No

REACTIVE: No

SUDDEN RELEASE: No

SARA TITLE III SECTION 313 (40 CFR 372.65): Not regulated.

OSHA PROCESS SAFETY (29CFR1910.119): Not regulated.

STATE REGULATIONS:

California Proposition 65: Not regulated.

CANADIAN REGULATIONS:

WHMIS CLASSIFICATION: Not determined.

EUROPEAN REGULATIONS:

EC CLASSIFICATION (CALCULATED): Not determined.

NATIONAL INVENTORY STATUS:

U.S. INVENTORY (TSCA): Listed on inventory.

TSCA 12(b) EXPORT NOTIFICATION: Not listed.

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**16. Other Information**

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## Material Safety Data Sheet

**Product Name:** CRAYOLA(R) WASHABLE WATER COLOR

**Product Family:**

### 1. Chemical Product and Company Identification

BINNEY & SMITH  
1100 CHURCH LANE  
EASTON, PA 18044  
1-800-272-9652

EMERGENCY TELEPHONE NUMBER:  
1-800-535-5053  
or call local POISON CONTROL CENTER

SUBSTANCE: CRAYOLA(R) WASHABLE WATER COLOR

TRADE NAMES/SYNONYMS:

CRAYOLA WASHABLE WATER COLOR; PRODUCT COLORS/CODES: 53-0500; 53-0525; 53-0555; 53-1500; 301-APRICOT; 307- BROWN; 310- PINK; 314- GOLDENROD; 327- ORCHID; 329- TAN; 332- SEA GREEN; 334- YELLOW; 335- YELLOW ORANGE; 336- ORANGE; 337- RED ORANGE; 338- RED; 339- RED VIOLET; 340- BLUE VIOLET; 342- BLUE; 343- BLUE GREEN; 344- GREEN; 345- YELLOW GREEN; 348- TURQUOISE BLUE; 351- BLACK; 352- GRAY; 353- WHITE; 376-SPRING GREEN; 53-0524; 00223819

PRODUCT USE: Arts and Crafts

CREATION DATE: Sep 15 1999

REVISION DATE: Mar 19 2003

### 2. Composition, Information on Ingredients

COMPONENT: Product has been certified as non-toxic by The Art and Creative Materials Institute, Inc. and conforms to ASTM D-4236 Standard Practice for Labeling Art Materials for Acute and Chronic Adverse Health Hazards.

CAS NUMBER: Not assigned.

EC NUMBER: Not assigned.

PERCENTAGE: 100.0

### 3. Hazards Identification



NFPA RATINGS (SCALE 0-4): HEALTH=1 FIRE=1 REACTIVITY=0

EMERGENCY OVERVIEW:

COLOR: various colors

PHYSICAL FORM: solid

MAJOR HEALTH HAZARDS: No significant target effects reported.

POTENTIAL HEALTH EFFECTS:

INHALATION:

none

SKIN CONTACT:

none

EYE CONTACT:

none

INGESTION:

none

## Material Safety Data Sheet

CARCINOGEN STATUS:

OSHA: No

NTP: No

IARC: No

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### 4. First Aid Measures

INHALATION: It is unlikely that emergency treatment will be required. Remove from exposure. Get medical attention, if needed.

SKIN CONTACT: It is unlikely that emergency treatment will be required. If adverse effects occur, wash with soap or mild detergent and large amounts of water. Get medical attention, if needed.

EYE CONTACT: It is unlikely that emergency treatment will be required. Wash with large amounts of water or normal saline until no evidence of chemical remains (at least 15-20 minutes). Get medical attention immediately.

INGESTION: Contact local poison control center or physician immediately.

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### 5. Fire Fighting Measures

FIRE AND EXPLOSION HAZARDS: Slight fire hazard.

EXTINGUISHING MEDIA: regular dry chemical, carbon dioxide, water, regular foam

FIRE FIGHTING: Move container from fire area if it can be done without risk. Avoid inhalation of material or combustion by-products.

FLASH POINT: >351 F (>177 C)

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### 6. Accidental Release Measures

OCCUPATIONAL RELEASE:

Collect spilled material in appropriate container for disposal.

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### 7. Handling and Storage

STORAGE: Store and handle in accordance with all current regulations and standards. See original container for storage recommendations. Keep separated from incompatible substances.

HANDLING: Use methods to minimize dust.

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### 8. Exposure Controls, Personal Protection

EXPOSURE LIMITS:

CRAYOLA(R) WASHABLE WATER COLOR:

No occupational exposure limits established.

VENTILATION: Based on available information, additional ventilation is not

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required.

EYE PROTECTION: Eye protection not required under normal conditions.

CLOTHING: Protective clothing is not required under normal conditions.

GLOVES: Protective gloves are not required under normal conditions.

RESPIRATOR: No respirator is required under normal conditions of use.

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### 9. Physical and Chemical Properties

PHYSICAL STATE: solid  
COLOR: various colors  
ODOR: Not available  
BOILING POINT: Not applicable  
MELTING POINT: 140-145 F (60.0-62.8 C)  
VAPOR PRESSURE: >760 mmHg @ 20 C  
VAPOR DENSITY (air=1): >1  
SPECIFIC GRAVITY (water=1): 1.3  
WATER SOLUBILITY: soluble  
PH: Not applicable  
VOLATILITY: Not applicable  
ODOR THRESHOLD: Not available  
EVAPORATION RATE: <1 (butyl acetate=1)  
COEFFICIENT OF WATER/OIL DISTRIBUTION: Not available

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### 10. Stability and Reactivity

REACTIVITY: Stable at normal temperatures and pressure.

CONDITIONS TO AVOID: None reported.

INCOMPATIBILITIES: oxidizing materials

HAZARDOUS DECOMPOSITION:  
Thermal decomposition products: oxides of carbon

POLYMERIZATION: Will not polymerize.

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### 11. Toxicological Information

Not available

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### 12. Ecological Information

Not available

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### 13. Disposal Considerations

Dispose in accordance with all applicable regulations.

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#### 14. Transport Information

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U.S. DEPARTMENT OF TRANSPORTATION: No classification assigned.

CANADIAN TRANSPORTATION OF DANGEROUS GOODS: No classification assigned.

LAND TRANSPORT ADR: No classification assigned.

LAND TRANSPORT RID: No classification assigned.

AIR TRANSPORT IATA: No classification assigned.

AIR TRANSPORT ICAO: No classification assigned.

MARITIME TRANSPORT IMDG: No classification assigned.

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#### 15. Regulatory Information

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U.S. REGULATIONS:

CERCLA SECTIONS 102a/103 HAZARDOUS SUBSTANCES (40 CFR 302.4): Not regulated.

SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355.30):  
Not regulated.

SARA TITLE III SECTION 304 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355.40):  
Not regulated.

SARA TITLE III SARA SECTIONS 311/312 HAZARDOUS CATEGORIES (40 CFR 370.21):  
ACUTE: No  
CHRONIC: No  
FIRE: No  
REACTIVE: No  
SUDDEN RELEASE: No

SARA TITLE III SECTION 313 (40 CFR 372.65): Not regulated.

OSHA PROCESS SAFETY (29CFR1910.119): Not regulated.

STATE REGULATIONS:

California Proposition 65: Not regulated.

CANADIAN REGULATIONS:

WHMIS CLASSIFICATION: Not determined.

EUROPEAN REGULATIONS:

EC CLASSIFICATION (CALCULATED): Not determined.

NATIONAL INVENTORY STATUS:

U.S. INVENTORY (TSCA): Listed on inventory.

TSCA 12(b) EXPORT NOTIFICATION: Not listed.

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#### 16. Other Information

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