



## MATERIAL SAFETY DATA SHEET

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### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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**KING PHARMACEUTICALS, INC.**  
501 Fifth Street  
Bristol, TN 37620

**EMERGENCY TELEPHONE**  
**NUMBER: 1-800-776-3637**  
**TECHNICAL ASSISTANCE:**  
**1-800-776-3637**

**SUBSTANCE: BREVITAL(R) C-IV (methohexital sodium for injection, USP)**

**TRADE NAMES/SYNONYMS:**

METHOHEXITAL SODIUM FOR INJECTION, USP; NDC #: 61570-095-01 (50 ml, md-1's, 500 mg);  
NDC #: 61570-095-25 (50 ml, md-25's, 500 mg); NDC #: 61570-096-25 (50 ml, md-25's, 2.5 g, 500 mg)

**PRODUCT USE:** pharmaceutical

**CREATION DATE:** Jul 28 2004

**REVISION DATE:** Dec 09 2004

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### 2. COMPOSITION, INFORMATION ON INGREDIENTS

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**COMPONENT: METHOHEXITAL SODIUM**  
**CAS NUMBER:** 309-36-4  
**PERCENTAGE:** 94

**COMPONENT: SODIUM CARBONATE**  
**CAS NUMBER:** 497-19-8  
**PERCENTAGE:** 6

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### 3. HAZARDS IDENTIFICATION

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

**EMERGENCY OVERVIEW:**

**COLOR:** white

**PHYSICAL FORM:** crystalline powder



**ODOR:** odorless

**MAJOR HEALTH HAZARDS:** central nervous system depression

**PHYSICAL HAZARDS:** Dust/air mixtures may ignite or explode.

**POTENTIAL HEALTH EFFECTS:**

**INHALATION:**

**SHORT TERM EXPOSURE:** irritation

**LONG TERM EXPOSURE:** no information is available

**SKIN CONTACT:**

**SHORT TERM EXPOSURE:** irritation

**LONG TERM EXPOSURE:** irritation

**EYE CONTACT:**

**SHORT TERM EXPOSURE:** irritation, blurred vision

**LONG TERM EXPOSURE:** no information is available

**INGESTION:**

**SHORT TERM EXPOSURE:** nausea, vomiting, constipation, diarrhea, stomach pain, internal bleeding, drowsiness, dizziness, loss of coordination, unconsciousness, coma, dilated pupils, pin-point pupils, difficulty breathing, blood disorders, irregular heartbeat, changes in blood pressure, bluish skin color, changes in body temperature, lung congestion, heart disorders, kidney damage, allergic reactions

**LONG TERM EXPOSURE:** nerve damage, headache, changes in body temperature, blood disorders, internal bleeding, reproductive effects, allergic reactions, skin disorders

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## 4. FIRST AID MEASURES

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**INHALATION:** If adverse effects occur, remove to uncontaminated area. Give artificial respiration if not breathing. If breathing is difficult, oxygen should be administered by qualified personnel. Get immediate medical attention.

**SKIN CONTACT:** Wash skin with soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention, if needed. Thoroughly clean and dry contaminated clothing and shoes before reuse.

**EYE CONTACT:** Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**INGESTION:** If a large amount is swallowed, get medical attention.

**NOTE TO PHYSICIAN:** For inhalation, consider oxygen.

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## 5. FIRE FIGHTING MEASURES

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**FIRE AND EXPLOSION HAZARDS:** Slight fire hazard. Dust/air mixtures may ignite or explode.

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

**FIRE FIGHTING:** Move container from fire area if it can be done without risk. Avoid inhalation of

material or combustion by-products. Stay upwind and keep out of low areas.

**HAZARDOUS COMBUSTION PRODUCTS:**

Thermal decomposition products or combustion: oxides of carbon, oxides of sodium, oxides of nitrogen

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**6. ACCIDENTAL RELEASE MEASURES**

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**OCCUPATIONAL RELEASE:**

Collect spilled material in appropriate container for disposal. Keep out of water supplies and sewers.

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**7. HANDLING AND STORAGE**

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**STORAGE:** Store and handle in accordance with all current regulations and standards. Store at controlled room temperature. Store between 20 C and 25 C. Keep separated from incompatible substances.

**HANDLING:** Use methods to minimize dust.

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**8. EXPOSURE CONTROLS, PERSONAL PROTECTION**

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**EXPOSURE LIMITS:**

**BREVITAL(R) C-IV (methohexital sodium for injection, USP):**

No occupational exposure limits established.

**VENTILATION:** Ventilation equipment should be explosion-resistant if explosive concentrations of material are present. Provide local exhaust ventilation system. Ensure compliance with applicable exposure limits.

**EYE PROTECTION:** Wear splash resistant safety goggles. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

**CLOTHING:** Wear appropriate chemical resistant clothing.

**GLOVES:** Wear appropriate chemical resistant gloves.

**RESPIRATOR:** Under conditions of frequent use or heavy exposure, respiratory protection may be needed. Respiratory protection is ranked in order from minimum to maximum. Consider warning properties before use.

Any chemical cartridge respirator with organic vapor cartridge(s) and dust and mist filter(s).

Any chemical cartridge respirator with organic vapor cartridge(s) and high-efficiency particulate filter(s).

Any air-purifying respirator with a full facepiece, an organic vapor canister and a dust, mist, and fume filter.

Any powered, air-purifying respirator with a tight-fitting facepiece and a high-efficiency particulate filter.

**For Unknown Concentrations or Immediately Dangerous to Life or Health -**

Any supplied-air respirator with full facepiece and operated in a pressure-demand or other positive-pressure mode in combination with a separate escape supply.

Any self-contained breathing apparatus with a full facepiece.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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**PHYSICAL STATE:** solid

**COLOR:** white

**PHYSICAL FORM:** crystalline 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:** soluble

**PH:** 10-11 (buffered)(1% solution)

**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

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**REACTIVITY:** Stable at normal temperatures and pressure.

**CONDITIONS TO AVOID:** Avoid heat, flames, sparks and other sources of ignition. Avoid contact with incompatible materials.

**INCOMPATIBILITIES:** oxidizing materials

**HAZARDOUS DECOMPOSITION:**

Thermal decomposition products or combustion: oxides of carbon, oxides of sodium, oxides of nitrogen

**POLYMERIZATION:** Will not polymerize.

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## 11. TOXICOLOGICAL INFORMATION

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**BREVITAL(R) C-IV (methohexital sodium for injection, USP):**

**TARGET ORGANS:** central nervous system

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** liver disorders, heart or cardiovascular disorders, respiratory disorders, high blood pressure, low blood pressure, blood system disorders

**ADDITIONAL DATA:** Interactions with drugs may occur. Prolonged, continuous use may result in physical dependence or tolerance. May impair performance of tasks requiring alertness.

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## 12. ECOLOGICAL INFORMATION

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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.

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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: Yes

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.

**NATIONAL INVENTORY STATUS:**

**U.S. INVENTORY (TSCA):** This product is exempt.

**TSCA 12(b) EXPORT NOTIFICATION:** Not listed.

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## 16. OTHER INFORMATION

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