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591 602 604**M a t e r i a l S a f e t y D a t a S h e e t**Page: 1
Rev. Date:
12/09/92**MARCAINE (R) HYDROCHLORIDE****1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**Sandoz Midtrock USA
90 Park Avenue
New York, NY 10016

TELEPHONE NUMBER: (212) 907-2000

PRODUCT NAME: MARCAINE (R) HYDROCHLORIDE
CHEMICAL FAMILY: Local Anesthetic Medicinal

SYNONYMS: MARCAINE (R) HYDROCHLORIDE INJECTION

2. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	EXPOSURE LIMITS	CONCENTRATION PERCENT BY WEIGHT
BUPIVACAINE HCL	Sterling Health Protection Guide	< 1.0
CAS NUMBER: 18010-40-7	TWA: 0.2 mg/m3 STEL: 1 mg/m3	
WATER	No Exposure Limits Established By	> 25.0
CAS NUMBER: 7732-18-5	ACGIH or OSHA	

3. HAZARDS IDENTIFICATION

WARNING This is a pharmaceutical material available only with a prescription
- use only as directed.

Overdose, may cause adverse central nervous system, cardiovascular system, allergic, and neurological reactions.

4. FIRST AID MEASURES**EYES**

In case of eye contact, flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation develops.

SKIN

Wash thoroughly with soap and water.

INGESTION

In case of ingestion, seek immediate medical attention or contact the Poison Control Center for further instructions.

INHALATION

Not an expected route of entry.

NOTE TO PHYSICIAN

Delay in proper management of dose-related toxicity, underventilation from any cause, and/or altered sensitivity may lead to the development of acidosis, cardiac arrest and, possibly, death.

5. FIRE FIGHTING MEASURES**FLAMMABLE PROPERTIES**

FLASH POINT: N/A

LOWER EXPLOSIVE LIMIT (%): N/A

UPPER EXPLOSIVE LIMIT (%): N/A

FIRE AND EXPLOSION HAZARDS

None known

EXTINGUISHING MEDIA

Use any extinguishing agent which is suitable for the surrounding fire.

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5. FIRE FIGHTING MEASURES - ContinuedFIRE FIGHTING INSTRUCTIONS

Use normal fire fighting gear.

6. ACCIDENTAL RELEASE MEASURES

Use rubber or plastic gloves. Contain the spill by placing paper towels or a suitable absorbent material around the edges of the spill and work inward. Carefully scoop up into a properly labeled waste container for disposal. Wash area of spill to remove from surfaces.

7. HANDLING AND STORAGEHANDLING AND STORAGE PRECAUTIONS

Keep this and all drugs out of the reach of children.

WORK/HYGIENIC PRACTICES

Use good personal hygiene - wash hands and exposed skin thoroughly with soap and water after use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTIONENGINEERING CONTROLS

Normal ventilation

EYE/FACE PROTECTION

None normally required. Avoid eye contact.

SKIN PROTECTION

None Normally Required.

RESPIRATORY PROTECTION

None Normally Required.

9. PHYSICAL AND CHEMICAL PROPERTIESAPPEARANCE

Colorless liquid

BASIC PHYSICAL PROPERTIES

VAPOR PRESSURE: N/A

VAPOR DENSITY (AIR=1): N/A

SPECIFIC GRAVITY: N/A

SOLUBILITY (H₂O): Soluble

10. STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID (STABILITY)

None known

INCOMPATIBLE MATERIALS

None known

HAZARDOUS DECOMPOSITION PRODUCTS

None known

HAZARDOUS POLYMERIZATION: Will not occur

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11. TOXICOLOGICAL INFORMATION**MISCELLANEOUS TOXICOLOGICAL INFORMATION**

Carcinogenicity - NTP: No

IARC: No

OSHA: No

Cardiac arrest and death during the use of MARCAINE for intravenous regional anesthesia has been reported.

Warning signs of central nervous system toxicity are: restlessness, anxiety, incoherent speech, lightheadedness, numbness and tingling of the mouth and lips, metallic taste, tinnitus, dizziness, blurred vision, tremors, twitching, depression and drowsiness.

Systemic dose-related toxicity, underventilation, apnea, and respiratory paralysis may occur, which can lead cardiac arrest.

12. ECOLOGICAL INFORMATION

NO DATA AVAILABLE

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with local, state and federal regulations.

14. TRANSPORT INFORMATION

PROPER SHIPPING NAME: Non-regulated

15. REGULATORY INFORMATION**U.S. FEDERAL REGULATORY INFORMATION**

This product does NOT contain any ingredients which are regulated on the U.S. EPA List of Toxic Chemicals (40 CFR 372), and is therefore not subject to release reporting under Section 313 of EPCRA.

16. OTHER INFORMATION**REFERENCE DOCUMENTATION**

Primary references used in the preparation of this document:

1. [product] Package Insert
2. [Product] MSDS (Sterling Winthrop, [made date])
3. ACGIH Guide to Occupational Exposure Values - 1991
4. Sterling Winthrop Corporate Quality Pharmaceutical file - 2/10/89

N/A = Not Applicable N/D = Not Determined - = Approximately Equal to

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