



MATERIAL SAFETY DATA SHEET

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TRANSPORTATION EMERGENCY
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DISTRICT OF COLUMBIA: 202-483-7616

NON-TRANSPORTATION
BAYER EMERGENCY PHONE...: (800) 331-4536
BAYER INFORMATION PHONE.: (800) 331-4536

1. CHEMICAL PRODUCT IDENTIFICATION:

PRODUCT NAME.....: BACTINE Antiseptic Anesthetic
PRODUCT CODE.....: 2001, 2005, 2007, 2009
CHEMICAL FAMILY.....: Aqueous solution of benzalkonium chloride and lidocaine hydrochloride

2. COMPOSITION/INFORMATION ON INGREDIENTS:

INGREDIENT NAME /CAS NUMBER EXPOSURE LIMITS CONCENTRATION (%)

\*\*\*\*\* HAZARDOUS INGREDIENTS \*\*\*\*\*

This pharmaceutical product, available without a prescription, is for human use. These materials are not subject to the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200. This Material Safety Data Sheet is not intended for industrial exposures.

\*\*\*\*\* OTHER INGREDIENTS \*\*\*\*\*

Lidocaine Hydrochloride 73-78-9 OSHA : Not Established ACGIH: Not Established 2.500 %

\* See Section 3 for potential health effects.

3. HAZARDS IDENTIFICATION:

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\* EMERGENCY OVERVIEW \*  
\* \*  
\* Color: Clear to slightly hazy, colorless; Form: Liquid; \*  
\* Slightly foamy; Odor: Antiseptic, aromatic odor; Product \*  
\* poses little or no hazard if spilled and no unusual hazard \*  
\* if involved in a fire; See Potential Health Effects if the \*  
\* recommended dosage is exceeded. \*  
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POTENTIAL HEALTH EFFECTS:

ROUTE(S) OF ENTRY.....: Appropriate route of entry: topical application to skin.

HUMAN EFFECTS AND SYMPTOMS OF OVEREXPOSURE:

NOTE: This is a pharmaceutical material available without a prescription - use only as directed. See product packaging for further information concerning adverse effects and drug interaction precautions..

ACUTE EFFECTS OF EXPOSURE.....: Oral ingestion of lidocaine exceeding 7 mg/kg (0.28 ml/kg of BACTINE First Aid Spray) may cause toxic symptoms (see Section 11). Acute overexposure to this product may cause lightheadedness, dizziness, agitation, drowsiness, confusion, hearing loss, slurred speech, muscle incoordination and twitching, visual disturbances, seizures, arrhythmias, and coma.

CHRONIC EFFECTS OF EXPOSURE...: Chronic overexposure to this product may cause effects as described under acute overexposure.

CARCINOGENICITY.....: The components of this product are not listed by NTP, IARC or regulated as a carcinogen by OSHA.

MEDICAL CONDITIONS

AGGRAVATED BY EXPOSURE.....: Persons with central nervous system and cardiovascular abnormalities may be more susceptible to the effects of this product.

4. ~~FIRST AID MEASURES~~:

FIRST AID FOR EYES.....: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

4. FIRST AID MEASURES (Continued)

FIRST AID FOR SKIN.....: Flush skin with plenty of soap and water. Contact a physician if irritation develops.

FIRST AID FOR INHALATION: In case of overdose, contact your regional poison control center or physician immediately. For additional information, contact Bayer Corporation at 1-800-800-4793.

FIRST AID FOR INGESTION.: In case of overdose, contact your regional poison control center or physician immediately. For additional information, contact Bayer Corporation at 1-800-800-4793.

5. FIRE FIGHTING MEASURES:

FLASH POINT.....: Not Applicable

EXTINGUISHING MEDIA.....: Material is not combustible. Use extinguishing media suitable for other combustible materials in the area.

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.

6. ACCIDENTAL RELEASE MEASURES:

SPILL OR LEAK PROCEDURES.....: Spills should be taken up with an appropriate absorbent and placed in normal trash. Spill area can be washed with water. Small spills may be flushed into the sewer with excess water.

7. HANDLING AND STORAGE:

STORAGE TEMPERATURE(MIN/MAX): Room temperature.

SHELF LIFE.....: Do not use after expiration date.

SPECIAL SENSITIVITY.....: Protect from freezing.

HANDLING/STORAGE PRECAUTIONS: Keep this and all drugs out of the reach of children. Avoid contact with eyes. Store in a dry place away from excessive heat. Reseal containers immediately after use. Protect from freezing. Use normal precautions for storage of a drug.

8. PERSONAL PROTECTION

REQUIRED WORK/HYGIENE PROCEDURES...: This section is intended for industrial exposures.

8. PERSONAL PROTECTION (Continued)

EYE PROTECTION REQUIREMENTS.....: None for normal use.  
SKIN PROTECTION REQUIREMENTS.....: None for normal use.  
VENTILATION REQUIREMENTS.....: Under normal conditions of use, special  
ventilation is not required.  
RESPIRATOR REQUIREMENTS.....: Under normal conditions of use,  
respirators are not required.  
ADDITIONAL PROTECTIVE MEASURES.....: Use good personal hygiene. Employers  
shall provide handwashing facilities which are readily accessible to  
employees. Educate and train employees in the safe use and handling of  
this product.

9. PHYSICAL AND CHEMICAL PROPERTIES:

PHYSICAL FORM.....: Liquid  
APPEARANCE.....: Slightly foamy  
COLOR.....: Clear to slightly hazy, colorless  
ODOR.....: Antiseptic, aromatic odor  
pH.....: Not Established  
BOILING POINT.....: Approx. 212 F (100 C)  
MELTING/FREEZING POINT.....: Approx. 32 F (0 C)  
SOLUBILITY IN WATER.....: Miscible  
SPECIFIC GRAVITY.....: Not Established  
BULK DENSITY.....: Not Established  
VAPOR PRESSURE.....: Not Established

10. STABILITY AND REACTIVITY:

STABILITY.....: This is a stable material.  
HAZARDOUS POLYMERIZATION...: Will not occur.  
INCOMPATIBILITIES.....: See product packaging for drug interaction.  
INSTABILITY CONDITIONS.....: None known.  
DECOMPOSITION PRODUCTS.....: Not Applicable.

11. TOXICOLOGICAL INFORMATION:

ACUTE TOXICITY  
ORAL LD50.....: 22.4 ml/kg (rat)  
TOXICITY DATA FOR: Lidocaine HCl  
ACUTE TOXICITY  
ORAL LD50.....: 220 mg/kg (mouse)

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12. ECOLOGICAL INFORMATION:  
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NO ECOLOGICAL INFORMATION AVAILABLE

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13. DISPOSAL CONSIDERATIONS  
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WASTE DISPOSAL METHOD.....: Waste disposal should be in accordance with existing federal, state and local environmental control laws.

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14. TRANSPORTATION INFORMATION:  
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TECHNICAL SHIPPING NAME.....: Aqueous solution of benzalkonium chloride and lidocaine hydrochloride  
PRODUCT LABEL.....: BACTINE Antiseptic Anesthetic

DOT (DOMESTIC SURFACE)  
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HAZARD CLASS OR DIVISION .....: Non-Regulated

IMO / IMDG CODE (OCEAN)  
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HAZARD CLASS DIVISION NUMBER...: Non-Regulated

ICAO / IATA (AIR)  
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HAZARD CLASS DIVISION NUMBER...: Non-Regulated

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15. REGULATORY INFORMATION:  
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OSHA STATUS.....: This product is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

TSCA STATUS.....: This product is exempt from TSCA Regulation under Section 3 (2)(B)(vi) when used for pharmaceutical application.

CERCLA REPORTABLE QUANTITY...: None

Product Code: 2001, 2005, 2007, 2009  
Approval date: 07/31/97

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15. REGULATORY INFORMATION (Continued)

SARA TITLE III:

SECTION 302 EXTREMELY

HAZARDOUS SUBSTANCES...: None

SECTION 311/312

HAZARD CATEGORIES.....: Exempt From SARA Section 311/312

SECTION 313

TOXIC CHEMICALS.....: None

RCRA STATUS.....: If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. (40 CFR 261.20-24)

ADDITIONAL INFORMATION: ACTIVE INGREDIENTS: Benzalkonium Chloride, 0.13% w/w; Lidocaine Hydrochloride, 2.5% w/w. INACTIVE INGREDIENTS: Edetate Disodium, Fragrances, Octoxynol 9, Propylene Glycol, Purified Water.

16. OTHER INFORMATION:

HMIS RATINGS:                   Health   Flammability   Reactivity  
                                  1           0           0  
0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe

Bayer's method of hazard communication is comprised of Product Labels and Material Safety Data Sheets. HMIS ratings are provided by Bayer as a customer service.

REASON FOR ISSUE.....: Revise section 3  
PREPARED BY.....: R. Ruppel-Kerr  
APPROVED BY.....: Michael C. Porter  
APPROVAL DATE.....: 07/31/97  
SUPERSEDES DATE.....: 03/04/97  
MSDS NUMBER.....: 29161

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