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----- MATERIAL SAFETY DATA SHEET -----  
KAOPECTATE(R) (LIQUID OR TABLETS)  
PHARMACIA & UPJOHN  
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REVISION DATE: JULY 31, 2001  
AGENT ID#: 16013  
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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION  
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COMMON NAME: KAOPECTATE(R) (LIQUID OR TABLETS)  
SYNONYMS: 8047-39-0 - CAS NUMBER  
MOLECULAR FORMULA: MIXTURE OF KAOLIN AND PECTIN  
CHEMICAL FAMILY: MIXTURE OF KAOLIN AND PECTIN  
MANUFACTURER/SUPPLIER:  
PHARMACIA & UPJOHN  
7171 PORTAGE RD.,  
KALAMAZOO, MICHIGAN U.S.A. 49001-0199  
IN CANADA:  
PHARMACIA ANIMAL HEALTH  
40 CENTENNIAL RD.,  
ORANGEVILLE, ONTARIO, L9W 3T3  
TELEPHONE NUMBERS:  
(USA): (616) 833-7555 - (8:00 AM TO 4:30 PM)  
(CANADA): (519) 941-1030 - (8:00 AM TO 5:00 PM)  
24 HOUR CONTACT NUMBER (CANADA & USA): (616) 833-5122  
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2. COMPOSITION/INFORMATION ON INGREDIENTS  
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INGREDIENT 1  
COMMON NAME: KAOLIN  
CAS NUMBER: 1332-58-7  
NOT ESTABLISHED. CONSIDERED A NUISANCE DUST  
EXPOSURE LIMIT(S):  
OSHA PEL-TWA (RESPIRABLE FRACTION): 5 MG/M3  
OSHA PEL-TWA (TOTAL DUST): 10 MG/M3  
ACGIH TLV-TWA (RESPIRABLE DUST): 2 MG/M3  
INGREDIENT 2  
COMMON NAME: PECTIN  
CAS NUMBER: 9000-69-5  
NOT ESTABLISHED.  
EXPOSURE LIMIT(S): NOT ESTABLISHED.  
EXPOSURE LIMIT(S) FOR THE MATERIAL: NOT ESTABLISHED.  
THIS PRODUCT IS NOT SUBJECT TO THE MATERIAL SAFETY DATA SHEET (MSDS) REQUIREMENTS OF THE OSHA HAZARD COMMUNICATION STANDARD (29CFR 1910.1200). THE STANDARD EXEMPTS ANY DRUG WHEN IT IS IN SOLID FINAL FORM (E.G., PILL, TABLET, CAPSULE).  
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3. HAZARDS IDENTIFICATION  
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EFFECTS OF OVEREXPOSURE: NONE EXPECTED.  
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: NOT ESTABLISHED.  
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4. FIRST AID MEASURES  
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EMERGENCY AND FIRST AID PROCEDURES: NONE ANTICIPATED.  
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5. FIRE FIGHTING MEASURES  
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FLASH POINT: NOT APPLICABLE.  
LOWER EXPLOSTION LIMIT (LEL): NOT APPLICABLE.  
UPPER EXPLOSION LIMIT (UEL): NOT APPLICABLE.  
EXTINGUISHING MEDIA: WATER, CARBON DIOXIDE, OR CHEMICAL  
FOAM.  
FIRE-FIGHTING PROCEDURES: NONE.  
UNUSUAL FIRE OR EXPLOSION HAZARDS: NONE.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:  
MOP UP OR VACUUM.

7. HANDLING AND STORAGE

PRECAUTIONS FOR HANDLING AND STORING: NONE.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: NUISANCE DUST RESPIRATOR.  
VENTILATION:  
LOCAL EXHAUST: RECOMMENDED.  
MECHANICAL: RECOMMENDED.  
PROTECTIVE GLOVES: RECOMMENDED.  
EYE PROTECTION: SAFETY GLASSES.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: NOT APPLICABLE.  
EVAPORATION RATE: NOT APPLICABLE.  
SPECIFIC GRAVITY (WATER=1): NOT APPLICABLE.  
VAPOR DENSITY (AIR = 1): NOT APPLICABLE.  
VAPOR PRESSURE: NOT APPLICABLE.  
VOLATILITY: NOT APPLICABLE.

10. STABILITY AND REACTIVITY

STABILITY: STABLE.  
PHYSICAL CONDITIONS TO AVOID: NONE.  
INCOMPATIBILITY WITH OTHER MATERIALS: NONE.  
HAZARDOUS DECOMPOSITION PRODUCTS: NONE.  
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

11. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: SANITARY LANDFILL.

12. SHIPPING REGULATIONS

NOT REGULATED FOR TRANSPORTATION BY THE UNITED STATES  
DEPARTMENT OF TRANSPORTATION (DOT), INTERNATIONAL  
MARITIME ORGANIZATION (IMO), OR INTERNATIONAL AIR  
TRANSPORT ASSOCIATION (IATA). MAY BE SUBJECT TO STATE  
AND/OR LOCAL TRANSPORTATION REQUIREMENTS.

13. OTHER INFORMATION

REMARKS: PLEASE BE ADVISED THAT THIS AGENT IS NOT SUBJECT

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REVIEWED BY: ENVIRONMENT AND SAFETY.

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#### 14. LABELING

THIS DRUG IS SUBJECT TO FDA LABELING REQUIREMENTS; THEREFORE, IT IS EXEMPT FROM THE LABELING REQUIREMENTS OF THE OSHA HAZARD COMMUNICATION STANDARD.

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