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BRISTOL-MYERS SQUIBB PHARMACEUTICAL GROUP -- KENALOG INJECTION (10 OR 40 MG/ML) - 1
 MATERIAL SAFETY DATA SHEET
 NSN: 6505012104472
 Manufacturer's CAGE: BRIST
 Part No. Indicator: A
 Part Number/Trade Name: KENALOG INJECTION (10 OR 40 MG/ML)

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 General Information
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Item Name: TRIAMCINOLONE ACETONIDE SUSPENSION, STERILE
 Company's Name: BRISTOL-MYERS SQUIBB, PHARMACEUTICAL GROUP
 Company's P. O. Box: 191
 Company's City: NEW BRUNSWICK
 Company's State: NJ
 Company's Country: US
 Company's Zip Code: 08903
 Company's Emerg Ph #: 908-519-2385/800-424-9300 (CHEMTREC)
 Company's Info Ph #: 908-519-2385
 Record No. For Safety Entry: 001
 Tot Safety Entries This Stk#: 002
 Status: SM
 Date MSDS Prepared: 04DEC91
 Safety Data Review Date: 31DEC94
 Supply Item Manager: KX
 MSDS Preparer's Name: DR. E. HAYES
 MSDS Serial Number: BWMHH
 Specification Number: NONE
 Spec Type, Grade, Class: NONE
 Hazard Characteristic Code: N1
 Unit Of Issue: VI
 Unit Of Issue Container Qty: 5 ML
 Type Of Container: VIAL
 Net Unit Weight: UNKNOWN
 NRC/State License Number: NONE
 Net Propellant Weight-Ammo: NONE

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 Ingredients/Identity Information
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Proprietary: NO
 Ingredient: TRIAMCINOLONE ACETONIDE 40 MG/ML
 Ingredient Sequence Number: 01
 NIOSH (RTECS) Number: TU3920000
 CAS Number: 76-25-5
 OSHA PEL: NOT ESTABLISHED
 ACGIH TLV: NOT ESTABLISHED
 Other Recommended Limit: 0.001 MG/M3 (MFR)

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 Physical/Chemical Characteristics
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Appearance And Odor: WHITE TO OFF-WHITE AQUEOUS SUSPENSION, ODOR: "NOT
 REMARKABLE"
 Boiling Point: UNKNOWN
 Melting Point: 0F, -18C
 Vapor Pressure (MM Hg/70 F): LIKE H2O
 Vapor Density (Air=1): UNKNOWN
 Specific Gravity: UNKNOWN
 Decomposition Temperature: UNKNOWN
 Evaporation Rate And Ref: UNKNOWN
 Solubility In Water: MIXES, SUSPENSION
 Viscosity: UNKNOWN
 Corrosion Rate (IPY): UNKNOWN

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 Fire and Explosion Hazard Data
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Flash Point: NOT AVAILABLE
Lower Explosive Limit: NOT AVAIL.
Upper Explosive Limit: NOT AVAIL.
Extinguishing Media: USE WATER
Special Fire Fighting Proc: AS W/ALL FIRES, EVACUATE PERSONNEL TO SAFE AREA. WHEN THIS MATERIAL IS INVOLVED IN A FIRE, WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING.
Unusual Fire And Expl Hazrds: USE WATER TO KEEP FIRE EXPOSED CONTAINERS COOL. FIGHT FIRE FROM MAXIMUM SAFE DISTANCE. DIVERT RUNOFF TO A SAGE AREA. SEE REACTIVITY DATA.
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Reactivity Data
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Stability: YES
Cond To Avoid (Stability): MFR GAVE NO INFORMATION ON MSDS.
Materials To Avoid: NONE KNOWN
Hazardous Decomp Products: THERMAL DECOMPOSITION OR BURNING MAY PRODUCE NOXIOUS PRODUCTS, INCLUDING CO, CO2, HCL, HF.
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): WILL NOT OCCUR.
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Health Hazard Data
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LD50-LC50 Mixture: LD50 (ORAL RAT) IS UKNOWN
Route Of Entry - Inhalation: NO
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: YES
Health Haz Acute And Chronic: THIS FORMULATION CONTAINS TRIAMCINOLONE ACETONIDE, A POTENT GLUCOCORTICOID ANTIFLAMMATORY DRUG. SHORT TERM EXPOSURE IS NOT LIKELY TO PRODUCE HARMFUL EFFECTS. WHEN ADMINISTERED AT THERAPEUTIC DOSES, ESPECIALLY AT HIGH DOSES FOR PROLONGED PERIODS, SIDE EFFECTS MAY OCCUR AS DESCRIBED IN SYMPTOMS. ALSO SEE PACKAGE INSERT.
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: MANUFACTURER GAVE NO COMMENTS OTHER THAN THE ABOVE REFERENCES TO THE THREE LISTINGS.
Signs/Symptoms Of Overexp: INGESTED: MUSCLE WEAKNESS & FATIGUE, CHANGES IN BONE MATRIX, HEADACHE, VERTIGO, NERVOUS SYSTEM EFFECTS, SKIN CHANGES, HYPERGLYCEMIA, PEPTIC ULCER, CATARACT DEVELOPMENT, MENSTRUAL DIFFICULTIES, FLUID & ELECTROLYTE DISTURBANCES. INHALED: NOT A HAZARD. SKIN: ABSORBED THROUGH SKIN. EYE: NO INFORMATION.
Med Cond Aggravated By Exp: THERAPEUTIC DOSES OF GLUCOCORTICIDS MAY AGGRAVATE SYSTEMIC FUNGAL INFECTIONS, TUBERCULOSIS, PEPTIC ULCERS, DIABETES MELLITUS AND CERTAIN PSYCHIATRIC CONDITIONS.
Emergency/First Aid Proc: EYE: FLUSH W/LARGE AMOUNTS OF WATER FOR 15-20 MIN. SKIN: WASH W/ SOAP & WATER FOR 15-20 MIN. INGESTION: GET MEDICAL ATTENTION. INHALATION: REMOVE TO FRESH AIR; IF DIFFICULTY IN BREATHING ADMINISTER OXYGEN. IF A PERSON IS NOT BREATHING ARTIFICIAL RESPIRATION CAN BE ATTEMPTED. GET MEDICAL ATTENTION IMMEDIATELY.
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Precautions for Safe Handling and Use
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Steps If Matl Released/Spill: WEAR SUITABLE PROTECTIVE CLOTHING. ABSORB LIQUID ONTO ABSORBENT MATERIAL AND PLACE INTO A CONTAINER FOR DISPOSAL. VENTILATE SPILL AREA. DECONTAMINATED AFTER MATERIAL HAS BEEN PICKED UP.
Neutralizing Agent: MFR GAVE NO INFORMATION ON MSDS.
Waste Disposal Method: DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS OR WITH THE REGULATIONS OF THE COUNTRY IN WHICH THE MATERIAL IS USED.
Precautions-Handling/Storing: STORE AT ROOM TEMPERATURE. AVOID FREEZING. PROTECT FROM LIGHT. PERSONS ALLERGIC TO THIS SUBSTANCE SHOULD AVOID ALL CONTACT WITH IT.

Other Precautions: NONE

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Control Measures
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Respiratory Protection: MFR GAVE NO INFORMATION ON MSDS.
Ventilation: MFR GAVE NO INFORMATION ON MSDS.
Protective Gloves: IMPERMEABLE
Eye Protection: WEAR EYE PROTECTION
Other Protective Equipment: GOWN.
Work Hygienic Practices: PERSONNEL WHO HANDLE DRUG SUBSTANCES SHOULD AVOID CONTACT WITH THESE SUBSTANCES.
Suppl. Safety & Health Data: THERAPEUTIC AGENTS ARE INTENDED FOR USE UNDER DIRECTION OF A PHYSICIAN AND/OR UNDER THE CONDITIONS OF USE DESCRIBED ON THE LABEL.

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Transportation Data
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Trans Data Review Date: 94365
DOT PSN Code: ZZZ
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
IMO PSN Code: ZZZ
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION
IATA PSN Code: ZZZ
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
AFI PSN Code: ZZZ
AFI Prop. Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
Additional Trans Data: CONTAINS 40 MG/ML

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Disposal Data
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Label Data
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Label Required: YES
Technical Review Date: 31DEC94
Label Status: Z
Common Name: KENALOG INJECTION (10 OR 40 MG/ML)
Special Hazard Precautions: LABEL FOR THIS PRODUCT IS SPECIFIED BY THE FDA, NOT OSHA!
Label Name: BRISTOL-MYERS SQUIBB, PHARMACEUTICAL GROUP
Label Street: ??????
Label P.O. Box: 191
Label City: NEW BRUNSWICK
Label State: NJ
Label Zip Code: 08903
Label Country: US
Label Emergency Number: 908-519-2385/800-424-9300 (CHEMTREC)