

WESTWOOD PHARMACEUTICALS INC DIV OF BRISTOL MYERS -- ISOVUE 300 IOPAMIDOL
INJECTION 76 W/V% -- 6505-01-236-3943

===== Product Identification =====

Product ID:ISOVUE 300 IOPAMIDOL INJECTION 76 W/V%

MSDS Date:02/18/1993

FSC:6505

NIIN:01-236-3943

MSDS Number: BVHJZ

=== Responsible Party ===

Company Name:WESTWOOD PHARMACEUTICALS INC DIV OF BRISTOL MYERS

Address:100 FOREST AVE

Box:191

City:BUFFALO

Stat

e:NY

ZIP:14213-1032

Country:US

Info Phone Num:908-519-2385

Emergency Phone Num:800-424-9300CHEMTREC (908-519-2385)

CAGE:13811

=== Contractor Identification ===

Company Name:WESTWOOD PHARMACEUTICALS INC DIV OF BRISTOL MYERS

Address:100 FOREST AVE

Box:City:BUFFALO

State:NY

ZIP:14213-1032

Country:US

Phone:716-887-3400

CAGE:13811

===== Composition/Information on Ingredients =====

Ingred Name:IOPAMIDOL

CAS:60166-93-0

RTECS #:CZ2235000

Fraction by Wt: 76%

Other REC Limits:NONE RECO

MMENDED

Ingred Name:TROMETHAMINE

CAS:77-86-1

RTECS #:TY2900000

Fraction by Wt: 1%

Other REC Limits:NONE RECOMMENDED

===== Hazards Identification =====

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 13800 MG/KG

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ISOVUE SOLUTIONS ARE DIAGNOSTIC FORMULATIONS WHICH CONTAIN IOPAMIDOL.THESE SOLUTIONS ARE INTENDED FOR INTERVENOUS AD

MINISTRATION.ADVERSE REACTIONS HAVE BEEN

REPORTED:HEADACHE,NAUSEA,VOMITING,MUSCULOSK ELETAL PAIN,HYPOTENSION.PRODUCT HAS ALSO PRODUCED HYPERSENSITIVITY REACTIONS,WHICH RARELY HAVE BEEN SEVERE OR FATAL.

Explanation of Carcinogenicity:NO INGREDIENTS OF A CONCENTRATION OF 0.1% OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Effects of Overexposure:HEADACHE, NAUSEA, VOMITING, MUSCULOSKAELETAL PAIN, HYPOTENSION.

Medical Cond Aggravated by Exposure:SENSITIVITY TO IODI NE.

===== First Aid Measures =====

First Aid:INGESTED-CALL A DOCTOR.IF CONSCIOUS & HAS EATEN WITHIN 3 HOURS,GIVE LARGE AMOUNTS OF WATER & INDUCE VOMITING.INHALED-REMOVE TO FRESH AIR.IF NOT BREATHING,GIVE ARTIFICIAL RESPIRATION.IF BREATHING DIFFI CULT,GIVE OXYGEN.GET MEDICAL ATTENTION.SKIN-FLUSH WITH LOTS OF WATER.GET MEDICAL ATTENTION IF IRRITATION DEVELOPS.EYES-IMMEDIATELY FLUSH WITH LOTS OF WATER FOR 15 MINUTES.GET MEDICAL ATTENTI ON.

===== Fire Fighting Measures =====

Extinguishing Media:USE WATER.

Fire Fighting Procedures:EVACUTE PERSONNEL TO SAFE AREA. FIREFIGHTERS SHOULD WEAR FULL PROTECTIVE CLOTHING INCLUDING POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:COOL FIRE EXPOSED CONTAINERS WITH WATER. FIGHT FIRE FROM MAXIMUM SAFE DISTANCE. DIVERT RUN-OFF TO A SAFE AREA.

===== Accidental Release Measures =====

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Spill Release Procedures:WEAR SUITABLE PROTECTIVE CLOTHING (LATEX GLOVES & GOGGLES AS A MINIMUM). ABSORB LIQUID INTO APPROPRIATE ABSORBENT MATERIAL AND PLACE IN AN APPROPRIATE CONTAINER FOR DISPOSAL. VENTILATE SPILL AREA. MOP OR FLUSH AREA WITH WATER AND SOAP.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:STORE AT ROOM TEMPERATURE NOT EXCEEDING 86 DEGREES F. PROTECT FROM LIGHT.

Other Precautions:PERSONS WHO ARE ALLERGIC TO IODINE, THESE FORMULATIONS, AND OTHER OTHER COMPONENTS OF THESE FORMULATIONS SHOULD AVOID CONTACT WITH THESE SUBSTANCES. AS A GENERAL PRECAUTION, PERSONS HANDLING SHOULD AVOID DIRECT CONTACT WITH THIS PRODUCT.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE SPECIFIED BY MANUFACTURER. DLA-HMIS: NONE NORMALLY REQUIRED.

Ventilation:NONE SPECIFIED BY MANUFACTURER. DLA-HMIS: NONE NORMALLY REQUIRED.

Protective Gloves:LATEX

Eye Protection:SAFETY GOGGLES

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRY CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

NDC00003-1316-30. PERCENTAGE OF IOPAMIDOL (INGREDIENT #1) IS FROM TIR= 76%; TIR ALSO STATES THAT TROMETHAMINE[INGREDIENT #2] (USED IN PH ADJUSTMENT) IS PRESENT. 10 X 50 ML SINGLE DOSE VIALS IN MANUFACTURER'S COMMERCIAL PACKAGE.

===== Physical/Chemical Properties =====

HCC:N1

pH:>6.5

Solubility in Water:APPRECIABLE

Appearance and Odor:AQUEOUS SOLUTION; NO REMARKABLE ODOR

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES PER MANUFACTURER NONE KNOWN.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:THERMAL DECOMPOSITION OR BURNING MAY

PRODUCE NOXIOUS PRODUCTS INCLUDING: C0,C02,HCL,I2 (REDDISH-BROWN GAS),NOX.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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