

BRISTOL-MYERS SQUIBB, PHARMACEUTICAL GROUP -- ISOVUE 200 (ISOPAMIDOL INJECTION 41%)  
-- 6505-01-377-6530

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

Product ID:ISOVUE 200 (ISOPAMIDOL INJECTION 41%)

MSDS Date:02/18/1993

FSC:6505

NIIN:01-377-6530

MSDS Number: BWPHW

=== Responsible Party ===

Company Name:BRISTOL-MYERS SQUIBB, PHARMACEUTICAL GROUP

Box:191

City:NEW BRUNSWICK

State:NJ

ZIP:08903

Country:US

Info Ph

one Num:908-519-2385/800-424-9300(CHEMTREC)

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

Preparer's Name:DR. E. HAYES

CAGE:BRIST

=== Contractor Identification ===

Company Name:BRISTOL-MEYERS SQUIBB PHARMACEUTICAL

Address:600 COLLEGE RD E

Box:4500

City:PRINCETON

State:NJ

ZIP:08543

Country:US

Phone:609-243-6102

CAGE:0NWX1

Company Name:BRISTOL-MYERS SQUIBB PHARMACEUTICAL GROUP

Box:191

City:NEW BRUNSWICK

State:NJ

ZIP:08903

Country:US

Phone:908-519-2385

CAGE:BRIST

===== Compositi

on/Information on Ingredients =====

Ingred Name:IOPAMIDOL  
CAS:60166-93-0  
RTECS #:CZ2235000  
Fraction by Wt: 23-54%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:WATER  
CAS:7732-18-5  
RTECS #:ZC0110000  
Fraction by Wt: >1%  
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NONE ESTABLISHED.  
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 INTENDED FOR  
INTRAVENOUS ADMINISTRATION. ORAL: NO INFORMATION. DERMAL: NO  
INFORMATION. INHALATION: THIS PRODUCT IS A LIQUID AND UNDER NORMAL  
CONDITIONS OF USE IS NOT AN INHALATION HAZARD.  
Explanation of Carcinogenicity:NOT CARCINOGENIC.  
Effects of Overexposure:ADVERSE REACTIONS HAVE BEEN REPORTED FOLLOWING  
INTRAVENOUS ADMINISTRATION OF ISOVUE SOLUTIONS, INCLUDING:  
HEADACHE, NAUSEA, VOMITING, MUSCULOSKELETAL PAIN; AND HYPOTENSION.  
Medical Cond Ag  
aggravated by Exposure:SENSITIVITY TO IODINE.

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

First Aid:EYE-FLUSH WITH LARGE AMOUNTS OF WATER FOR 15-20 MINUTES.  
SKIN-WASH WITH SOAP & WATER. GET MEDICAL ATTENTION IF IRRITATION  
DEVELOPS & PERSISTS. INGESTION-GET MEDICAL ATTENTION IMMEDIATELY.  
VOMITING MAY BE INDUCED IF A PERSON IS CONSCIOUS & IF INGESTION  
HAS OCCURRED WITH 3 HOURS. INHALATION-REMOVE TO FRESH AIR, IF  
DIFFICULTY IN BREATHING ADMINISTER OXYG  
EN. IF NOT BREATHING ATTEMPT  
CPR. SEE DOCTOR.

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

Flash Point:NOT AVAILABLE  
Extinguishing Media:USE WATER.  
Fire Fighting Procedures:AS WITH ALL FIRES, EVACUATE PERSONNEL TO SAFE  
AREA. WHEN THIS MATERIAL IS INVOLVED IN A FIRE WEAR, SELF-CONTAINED  
BREATHING APPARATUS & FULL PROTECTIVE CLOTHING  
Unusual Fire/Explosion Hazard:USE WATER TO KEEP FIRE-EXPOSED CONTAINERS  
COOL. FIGHT FIRE FROM MAXIMUM SAFE DISTANCE. DIVERT

RUNOFF TO A  
SAFE AREA.

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

Spill Release Procedures:WEARING SUITABLE PROTECTIVE CLOTHING, ABSORB  
LIQUID ONTO APPROPRIATE ABSORBENT MATERIAL & PLACE INTO AN  
APPROPRIATE CONTAINER FOR DISPOSAL. LATEX GLOVES & EYE PROTECTION  
SHOULD BE WORN AS A MINIMUM PRECAUTION. VENTILATE SPILL AREA &  
DECONTAMINATE LATER

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Other Precautions:IF VIALS BREAK OR MATERIAL IS SPILLED, WORKERS SHOULD  
AVOID SKIN OR EYE CONTACT WITH THE LIQUID. PERSONNEL WHO HANDLE  
THESE FORMULATIONS IN A NON-MANUFACTURING SETTING SHOULD USE LATEX  
GLOVES & EYE PROTECTION TO AVOID SKIN OR EYE CONTACT.

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

Respiratory Protection:NONE SPECIFIED  
BY MANUFACTURER.

Ventilation:NONE SPECIFIED BY MANUFACTURER.

Protective Gloves:LATEX GLOVES.

Eye Protection:CHEMICAL SAFETY GOGGLES.

Other Protective Equipment:GOWN.

Work Hygienic Practices:WORKERS SHOULD WASH THEIR HANDS AND FACES AFTER  
HANDLING THESE FORMULATIONS.

Supplemental Safety and Health

PROMPTLY REMOVE CONTAMINATED CLOTHING SHOULD CONTACT OCCUR. WASH  
CONTAMINATED CLOTHING BEFORE REUSE.

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

HCC:N1

pH:6.5-7

Solubi

lity in Water:MISCIBLE

Appearance and Odor:AQUEOUS SOLUTION.

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

Stability Indicator/Materials to Avoid:YES

NONE KNOWN.

Stability Condition to Avoid:STABLE UNDER NORMAL CONDITIONS.

Hazardous Decomposition Products:THERMAL DECOMPOSITION OR BURNING MAY  
PRODUCE NOXIOUS PRODUCTS INCLUDING: CO, CO2, HI, I2 (REDDISH-BROWN  
GAS), NOX.

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

Waste Disposal Methods:DISP

OSE OF IN ACCORDANCE WITH ALL LOCAL, STATE

AND FEDERAL REGULATIONS OR WITH THE REGULATIONS OF THE COUNTRY IN  
WHICH THE MATERIAL IS USED.

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