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

Product ID:HEXABRIX 200 ML
MSDS Date:01/01/1995
FSC:6505
NIIN:01-385-2804
MSDS Number: BYRKX
=== Responsible Party ===
Company Name:MALLINCKRODT INC
Address:675 MCDONNELL BLVD
Box:5840
City:ST LOUIS
State:MO
ZIP:63134-5000
Country:US
Info Phone Num:314-895-2000/314-770-7860
Emergency Phone Num:314-895-2000/314-982-5000
CAGE:3T376

==== Contractor Identification ====

Company
Name:MALLINCKRODT INC
Address:675 MCDONNELL BLVD
Box:City:ST LOUIS
State:MO
ZIP:63134-5000
Country:US
Phone:314-895-2000/314-770-7860
CAGE:3T376

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

Ingred Name:IOXAGLATE MEGLUMINE
CAS:59018-13-2
Fraction by Wt: 39.3%

Ingred Name:IOXAGLATE SODIUM
CAS:67992-58-9
Fraction by Wt: 19.6%

Ingred Name:PROPRIETARY COMPONENTS
Fraction by Wt: 41.1%

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

Routes of Entry: I

nhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES: NO ADVERSE EFFECTS EXPECTED, BUT
SPLASHES MAY CAUSE IRRITATION.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:IRRITATION, GI UPSET.
Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN DISORDERS/EYE
PROBLEMS/IMPAIRED LIVER, KIDNEY/RESPIRATORY FUNCTION.

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First Aid Measures
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First Aid:INGESTION: GIVE
WATER TO DRINK. SKIN: WASH W/SOAP & WATER.
EYES: IMMEDIATELY FLUSH W/PLENTY OF WATER FOR 15 MINS. OBTAIN
MEDICAL ATTENTION IN ALL CASES.

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Fire Fighting Measures
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Extinguishing Media:USE ANY MEANS SUITABLE FOR EXTINGUISHING
SURROUNDING FIRES.
Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING & NIOSH APPROVED
SCBA W/FULL FACEPIECE OPERATED IN THE PRESSURE DEMAND/OTHER
POSITIVE PRESSURE MODE.
Unusual Fire/Explosion Hazard:NOT CO
NSIDERED TO BE A FIRE/EXPLOSION
HAZARD.

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Accidental Release Measures
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Spill Release Procedures:VENTILATE AREA. CLEAN UP PERSONNEL MAY REQUIRE
PROTECTIVE CLOTHING. ABSORB LIQUID W/DRY ABSORBENT. CONTAINERIZE
UNUSABLE MATERIAL FOR DISPOSAL IN AN APPROVED WASTE FACILITY.

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Handling and Storage
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Handling and Storage Precautions:KEEP IN A TIGHTLY CLOSED CONTAINER.
STORED IN A COOL, DRY VENTILATED ARE
A. PROTECT AGAINST PHYSICAL
DAMAGE.
Other Precautions:PRODUCT IS INTENDED FOR USE BY HOSPITAL/CLINIC
PATIENTS, IT IS EXPECTED TO BE TREATED BY STANDARD WASTEWATER
TREATMENT FACILITIES W/NO ADVERSE ENVIRONMENTAL IMPACTS. READ
PACKAGE INSERT PRIOR TO USE.

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Exposure Controls/Personal Protection
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Respiratory Protection:NOT EXPECTED TO REQUIRE PERSONAL RESPIRATOR
USAGE.
Ventilation:NOT EXPECTED TO REQUIRE ANY SPECIAL VENTILATION.
Protective Gloves:REQ

UIRED

Eye Protection:SAFETY GLASSES

Other Protective Equipment:EYE WASH FOUNTAIN, QUICK DRENCH FACILITIES,
CLEAN BODY-COVERING CLOTHING.

Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE
REUSE.

Supplemental Safety and Health

ENSURE PROMPT REMOVAL FROM SKIN, EYES & CLOTHING. AS PART OF GOOD
LABORATORY & PERSONNAL HYGIENE & SAFETY PROCEDURE, AVOID ALL
UNNECESSARY EXPOSURE TO THE CHEMICAL SUBSTANCE.

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===== Physical/Chemical Properties =====
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Boiling Pt:B.P. Text:212F

Melt/Freeze Pt:M.P/F.P Text:32F

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR TO PALE YELLOW SOLUTION W/NO ODOR.

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===== Stability and Reactivity Data =====
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Stability Indicator/Materials to Avoid:YES

Hazardous Decomposition Products:TOXIC FUMES OF NITROUS OXIDES & IODINE
WHEN HEATED.

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===== Disposal Considerations =====
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Waste Disposal Methods:IF MEDICAL WASTE IS INVOLVED, SUCH AS BLOOD,
BLO

OD PRODUCTS/SHARPS, THE WASTE MUST BE HANDLED AS A BIOHAZARD &
DISPOSED ACCORDINGLY. IF NOT A BIOHAZARD, WASTE HEXABRIX IS
CONSIDERED NON-HAZARDOUS. DIS POSE OF IAW/FEDERAL, STATE & LOCAL
REGULATIONS.

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