



Material Safety Data Sheet

Revision date: 30-Nov-2005

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Catalog Number: 16980
Product name: MONO-POLY™ RESOLVING MEDIUM

Supplier: MP Biomedicals, LLC
Parc d'Innovation
BP 50067
67402 ILLKIRCH CEDEX
France

Emergency telephone number: "n° ORFILA" (01-45-42-59-59)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Weight %	EC No.	Classification	Notes	Annex No.:
WATER	7732-18-5	> 25%	231-791-2	--	--	--
SODIUM DIATRIZOATE	737-31-5	10 - 25%	212-004-1	--	--	--
FICOLL®	26873-85-8	5 - 10%	--	Xi	--	--

3. HAZARDS IDENTIFICATION

Indication of Danger:

No declaration according to 67/548/EWG

4. FIRST AID MEASURES

General advice: In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Inhalation: Move to fresh air. Call a physician immediately.

Skin contact: Rinse immediately with plenty of water for at least 15 minutes Call a physician immediately

Ingestion: Do not induce vomiting without medical advice.

Eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician immediately
Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Use dry chemical, CO2, water spray or "alcohol" foam

Specific hazards: Burning produces irritant fumes.

Special protective equipment for firefighters: Wear self contained breathing apparatus for fire fighting if necessary.

Flash point: Not determined

Autoignition temperature: Not determined

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective equipment.

Environmental precautions: Do not flush into surface water or sanitary sewer system.

Methods for cleaning up: Soak up with inert absorbent material.

7. HANDLING AND STORAGE

Storage:
ROOM TEMPERATURE

Handling: Use only in area provided with appropriate exhaust ventilation.

Safe handling advice: Wear personal protective equipment. Remove and wash contaminated clothing before reuse.

Technical measures/storage conditions: Keep containers tightly closed in a cool, well-ventilated place. Keep container tightly closed in a dry and well-ventilated place.

Incompatible products: Oxidising and spontaneously flammable products

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures: Ensure adequate ventilation.

Respiratory protection: Breathing apparatus needed only when aerosol, vapor or dust is formed.

Skin and body protection: Impervious clothing

Eye protection: Goggles

Hand protection: Gloves

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid

Formula: Not applicable

Melting point/range: No data available at this time.

Boiling point/range: No Data available at this time.

Density: No data available

Vapor pressure: No data available

Evaporation rate: No data available

Vapor density: No data available

Solubility (in water): Soluble

Flash point: Not determined
 Autoignition temperature: Not determined

10. STABILITY AND REACTIVITY

Stability: Stable under recommended storage conditions.
Polymerization: None under normal processing.
Hazardous decomposition products: Nitrogen oxides (NO_x)/ammonia/CN⁻, Sodium oxides (Na₂O), Iodine (I⁻)
Materials to avoid: Strong oxidising agents
Conditions to avoid: Exposure to air or moisture over prolonged periods.

11. TOXICOLOGICAL INFORMATION

Product Information

Acute toxicity

Components	RTECS Number:	Selected LD50s and LC50s
WATER	ZC0110000	Oral LD50 Rat = > 90 ml/kg
SODIUM DIATRIZOATE	DG6125000	Oral LD50 Rat : >7 gm/kg Oral LD50 Mouse : >7 gm/kg
FICOLL®	Not Available	Not Determined

Chronic toxicity: Chronic exposure may cause nausea and vomiting, higher exposure causes unconsciousness.
Local effects: Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.
Specific effects: May include moderate to severe erythema (redness) and moderate edema (raised skin), nausea, vomiting, headache.
Primary irritation: No data is available on the product itself.
Carcinogenic effects: No data is available on the product itself.
Mutagenic effects: No data is available on the product itself.
Reproductive toxicity: No data is available on the product itself.

12. ECOLOGICAL INFORMATION

Mobility: No data available
Bioaccumulation: No data available
Ecotoxicity effects: No data available
Aquatic toxicity: May cause long-term adverse effects in the aquatic environment.

Components	U.S. DOT - Appendix B - Marine Pollutan	U.S. DOT - Appendix B - Severe Marine Pollutants	United Kingdom - The Red List:
WATER	Not Listed	Not Listed	Not Listed
SODIUM DIATRIZOATE	Not Listed	Not Listed	Not Listed
FICOLL®	Not Listed	Not Listed	Not Listed

Components	Germany VCI (WGK)	World Health Organization (WHO) - Drinking Water	Ecotoxicity - Fish Species Data
WATER	Not Listed	Not Listed	Not Listed
SODIUM DIATRIZOATE	Not Listed	Not Listed	Not Listed
FICOLL®	Not Listed	Not Listed	Not Listed

Components	Ecotoxicity - Freshwater Algae Data	Ecotoxicity - Microtox Data	Ecotoxicity - Water Flea Data
WATER	Not Listed	Not Listed	Not Listed
SODIUM DIATRIZOATE	Not Listed	Not Listed	Not Listed
FICOLL®	Not Listed	Not Listed	Not Listed

Components	EPA - ATSDR Priority List	EPA - HPV Challenge Program Chemical List	California - Priority Toxic Pollutants
WATER	Not Listed	Not Listed	Not Listed
SODIUM DIATRIZOATE	Not Listed	Not Listed	Not Listed
FICOLL®	Not Listed	Not Listed	Not Listed

Components	California - Priority Toxic Pollutants	California - Priority Toxic Pollutants
WATER	Not Listed	Not Listed
SODIUM DIATRIZOATE	Not Listed	Not Listed
FICOLL®	Not Listed	Not Listed

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products: Waste disposal must be in accordance with appropriate Federal, State, and local regulations. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority. Residue from fires extinguished with this material may be hazardous.

Contaminated packaging: Do not re-use empty containers

Methods for cleaning up: Soak up with inert absorbent material.

14. TRANSPORT INFORMATION

UN/Id No: Not a dangerous good.

ADR/RID
Proper shipping name: Not Regulated

IMDG/IMO
Proper shipping name: Not Regulated

ICAO/IATA
Proper shipping name: Not Regulated

15. REGULATORY INFORMATION

Indication of Danger:
No declaration according to 67/548/EWG

Components	EU EINECS List -	Germany TA-Luft List - Section	Germany VCI (WGK)	Switzerland Giftliste:
WATER	231-791-2; H2O	Not Listed	Not Listed	Not Listed
SODIUM DIATRIZOATE	212-004-1; C11H9I3N2O4.Na	Not Listed	Not Listed	Not Listed
FICOLL®	Not Present	Not Listed	Not Listed	Not Listed

Classification according to VbF: -

16. OTHER INFORMATION

Prepared by: Health & Safety

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End of Safety Data Sheet