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COULTER DIAGNOSTICS DIVISION

A Division of *Coulter Corporation*

740 West 83rd Street

Hialeah, Florida 33014

(305) 822-8250

ENVIRONMENTAL EMERGENCY (National Response Center) #(800) 424-8802

MSDS Part Number :	7585258-B	Page:	1
Effective :	1/27/92	Issued:	1/27/92

SECTION I - PRODUCT IDENTIFICATION

Product Name : **ISOVIAL**

CAS Number : None

NIOSH/RTECS Number: None

Common Synonyms : Diluent and Lytic Reagent System

\* Product Part Number(s) :

Coulter Safety Information

<input type="checkbox"/>	Health	(See attached component sheets)	<u>Code</u>
<input type="checkbox"/>	Flammability		0 = none
<input type="checkbox"/>	Reactivity		1 = slight
<input type="checkbox"/>	Contact		2 = caution
			3 = severe

Laboratory Protective Equipment for Normal Use : See attached component sheets pages 2 - 9.

Precautionary Label Statements : See attached component sheets pages 2 - 9.

\* Used in Product Part Numbers: 7546922 (ISOVIAL II)  
7546971 (ISOVIAL, White)



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**SECTION I - PRODUCT IDENTIFICATION**

Product Name : **ISOTON<sup>®</sup> II Diluent**  
CAS Number : None  
NIOSH/RTECS Number: None  
Common Synonyms : Balanced Electrolyte Solution

Coulter Safety Information

[2]	Health	<u>Code</u>
[0]	Flammability	0 = none
[1]	Reactivity	1 = slight
[1]	Contact	2 = caution
		3 = severe

Laboratory Protective Equipment for Normal Use : Standard laboratory practice, e.g., lab coats and safety glasses.

Precautionary Label Statements : Do not ingest. For In-Vitro Diagnostic Use.

## SECTION II - HAZARDOUS COMPONENTS / CHEMICAL NAME

<u>Component</u>	<u>%</u>	<u>CAS Number</u>
None greater than 1%		
2-Phenoxyethanol	0.3	122-99-6
Sodium Fluoride	0.03	7681-49-4

## SECTION III - PHYSICAL DATA

Boiling Point :	100°C	Vapor Pressure (mm Hg) :	N/A
Melting Point :	N/A	Vapor Density (Air = 1) :	N/A
Specific Gravity : (H <sub>2</sub> O = 1)	1.0	Evaporation Rate : (Butyl Acetate = 1)	N/A
Solubility (H <sub>2</sub> O):	99%	%Volatiles by Volume :	N/A
Flashpoint :	N/A		
Appearance and Color :	Clear Liquid		

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

<u>Fire Extinguishing Media :</u>	Any
<u>Special Fire Fighting Procedures :</u>	None
<u>Unusual Fire and Explosion Hazards :</u>	None
<u>Toxic Gases Produced :</u>	None

## SECTION V - HEALTH HAZARD DATA

<u>Effect of Overexposure :</u>	<u>Sodium Fluoride:</u> Severe symptoms from ingestion of less than one (1) gram (2 or more liters of this product). May cause nausea, vomiting, abdominal pain, stupor, weakness, tremors, respiratory and cardiac failure. Death from 5 - 10 grams (12 or more liters of this product).
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Emergency and First Aid Procedures : In case of prolonged skin contact, flush with plenty of water. In case of ingestion, give victim appropriate dose of effervescent calcium gluconate (in copious amounts of water or milk). Contact physician.

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#### SECTION VI - REACTIVITY DATA

Stability : Highly  
Conditions to Avoid : None  
Incompatibility : None  
Hazardous Polymerization : N/A  
Decomposition Products : Possible chloride scale.

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#### SECTION VII - SPILL AND DISPOSAL PROCEDURES

Steps to be taken in case of a spill or discharge : Flush with water to approved outside drainage. See Disposal Procedure below.

Disposal Procedure : Disposer must comply with Federal, State and Local discharge requirements.

EPA Hazardous Waste Number : None

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#### SECTION VIII - PROTECTIVE EQUIPMENT

Ventilation : None required

Respiratory Protection : None required

Eye/Skin Protection : None required

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#### SECTION IX - STORAGE AND HANDLING PRECAUTIONS

Storage Coding : None

Special Precautions : None

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