



Curtin Matheson Scientific, Inc.
1225 N MICHAEL DRIVE

WOOD DALE, IL 60191-1019

FISONS

MATERIAL SAFETY DATA SHEET

MAIL TO: UNIVERSITY OF WISCONSIN

WHITEWATER CENTRAL
RECEIVING STORES
N FREMONT ST

WHITEWATER, WI 53190

SECTION 1 - NAME AND PRODUCT

MANUFACTURER NAME AND ADDRESS
COULTER DIAGNOSTICS, INC
7381 EMPIRE DR.

FLORENCE KY 41042
EMERGENCY PHONE 800-424-8802

COMMON NAME (ON LABEL)

ISOTON II DULUENT

TRADE NAME & SYNONYMS

BALANCED ELECTROLYTE SOLUTION
ISOTON II DULUENT

CHEMICAL NUMBER:

ITEM NUMBER: 0375220

VNDR CATLG NBR: 8546720

ENTRY DATE: 12-14-89

CHANGE DATE: 03-13-92

PD NUMBER: UNC30178

CHEMICAL FAMILY

NOT GIVEN

CHEMICAL FORMULA

NOT GIVEN

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENT	CAS	% (WT)	TLV	PEL
2-PHENOXYETHANOL	122-99-6	.30	NOT GIVEN	NOT GIVEN
SODIUM FLUORIDE	7681-49-4	.03	NOT GIVEN	NOT GIVEN

PEL: Permissible Exposure Limit established by the Occupational Safety and Health Administration (OSHA).

TLV: Threshold Limit Value established by the American Conference of Governmental Industrial Hygienists, 1986-87.

OTHER INGREDIENT INFORMATION

PRODUCT CONTAINS NO COMPONENT GREATER THAN 1%.

SECTION 3 - PHYSICAL DATA

BOILING POINT 100 C	VOLATILE BY VOLUME (%) N/A	VAPOR PRESSURE N/A
MELTING POINT N/A	VAPOR DENSITY N/A	SOLUBILITY IN WATER 99%
EVAPORATION RATE (= 1) N/A	SPECIFIC GRAVITY 1.0	
APPEARANCE AND ODOR CLEAR LIQUID		

OTHER PHYSICAL DATA

NO OTHER PHYSICAL DATA GIVEN.

SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT

N/A

LOWER EXPLOSIVE LIMIT

NOT GIVEN

UPPER EXPLOSIVE LIMIT

NOT GIVEN

EXTINGUISHING MEDIA

ANY

UNUSUAL FIRE AND EXPLOSION HAZARDS

NONE

SPECIAL FIRE FIGHTING PROCEDURES

NONE

SECTION 5 - HEALTH HAZARD DATA

HEALTH HAZARDS (ACUTE & CHRONIC)

SEE SIGNS AND SYSTEMS OF EXPOSURE.

PRIMARY ROUTES OF EXPOSURE

NONE

SIGNS AND SYMPTOMS OF EXPOSURE

EFFECTS OF OVEREXPOSURE: SODIUM FLUORIDE-SEVERE SYMPTOMS FROM INGESTION OF LESS THAN ONE GRAM, (2 OR MORE LITERS OF THIS PRODUCT). DEATH FROM 5-10 GRAMS(12 OR MORE LITERS OF THIS PRODUCT). MAY CAUSE NAUSEA, VOMITING, ABDOMINAL PAIN, STUPOR, WEAKNESS, TREMORS, RESPIRATORY AND CARDIAC FAILURE.

SECTION 5 - HEALTH HAZARD DATA (CONTINUED)

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
NONE LISTED

CARCINOGENICITY

INDICATORS NOT GIVEN

NTP Yes No

IARC Yes No

OSHA Yes No

NO INDICATORS LISTED.

EMERGENCY AND FIRST AID PROCEDURES

IN CASE OF PROLONGED SKIN CONTACT, FLUSH WITH PLENTY OF COLD WATER. IN CASE OF INGESTION, GIVE VICTIM APPROPRIATE DOSE OF EFFERVESCENT CALCIUM GLUCONATE(IN COPIOUS AMOUNTS OF WATER OR MILK). CONTACT A PHYSICIAN.

THRESHOLD LIMITS / TOXICITY DATA

NONE GIVEN.

SECTION 6 - REACTIVITY DATA

STABILITY Unstable Stable
CONDITIONS TO AVOID
NONE

INCOMPATIBILITY (MATERIALS TO AVOID)

NONE

SECTION 6 - REACTIVITY DATA (CONTINUED)

HAZARDOUS DECOMPOSITION OR BYPRODUCTS
POSSIBLE CHLORIDE SCALE.

HAZARDOUS POLYMERIZATION May Occur Will Not Occur
CONDITIONS TO AVOID
NOT APPLICABLE

SECTION 7 - SPILL, LEAK, AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
STEPS TO BE TAKEN IN CASE OF A SPILL OR DISCHARGE: FLUSH WITH WATER TO APPROVED OUTSIDE
DRAINAGE. SEE DISPOSAL PROCEDURE.

WASTE DISPOSAL METHOD
DISPOSER MUST COMPLY WITH FEDERAL, STATE AND LOCAL DISCHARGE REQUIREMENTS.

SECTION 8 - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION
NONE REQUIRED

LOCAL VENTILATION

NONE REQUIRED

MECHANICAL VENTILATION

NONE REQUIRED

SPECIAL VENTILATION

NONE REQUIRED

SECTION 8 - SPECIAL PROTECTION INFORMATION (CONTINUED)

OTHER VENTILATION
NONE REQUIRED.

PROTECTIVE GLOVES

NONE REQUIRED

EYE PROTECTION

NONE REQUIRED

OTHER PROTECTIVE CLOTHING OR EQUIPMENT
STANDARD LABORATORY PRACTICE, E.G.; LAB COATS AND SAFETY GLASSES.

SECTION 9 - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE
PRECAUTIONARY LABEL STATEMENTS: DO NOT INGEST, FOR IN VITRO DIAGNOSITC USE.

SECTION 10 - OTHER INFORMATION

MISCELLANEOUS INFO.
SAFETY CODES: HEALTH = 2; FLAMMABILITY = 0; RACTIVITY = 1; CONTACT = 1.
N/A = NOT APPLICABLE. N/A = NOT AVAILABLE.