MATERIAL SAFETY DATA SHEET

SECTION 1 - NAME AND PRODUCT

MANUFACTURER NAME AND ADDRESS
COULTER DIAGNOSTICS
P.O. BOX 4750
HIALEAH, FL 33014-0750

EMERGENCY PHONE
800-424-9300

COMMON NAME (ON LABEL)
ISOVIAL, RED CBC S

TRADE NAME & SYNONYMS
DILUENT REAGENT SYSTEM

CHEMICAL NUMBER:
ITEM NUMBER: 0276406
ENTRY DATE: 01-15-91
CHANGE DATE: 01-15-91

CHEMICAL FAMILY
NOT GIVEN

CHEMICAL FORMULA
NOT GIVEN

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENT | CAS | % (WT) | TLV | PEL
--- | --- | --- | --- | ---
*2-PHENOXYPYRANOL | 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
ISOVIAL, RED CBC S CONTAINS THE COMPONENT ISOVON II DILUENT (12.6 ML), COMMON SYNONYMS: BALANCED ELECTROLYTE SOLUTION.
*2-PHENOXYPYRANOL 0.3% (CAS #122-99-6);
*SODIUM FLUORIDE 0.03% (CAS #7681-49-4).

SECTION 3 - PHYSICAL DATA

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

OTHER PHYSICAL DATA

FORM: MID10 (04/90)

Continued on Reverse Side
SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT
N/A

LOWER EXPLOSIVE LIMIT          UPPER EXPLOSIVE LIMIT
N/A                              N/A

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 SYMPTOMS OF EXPOSURE.

PRIMARY ROUTES OF EXPOSURE
INGESTION.

SIGNS AND SYMPTOMS OF EXPOSURE
SODIUM FLUORIDE. 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).
SECTION 5 - HEALTH HAZARD DATA (CONTINUED)

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
NONE INDICATED.

CARCINOGENICITY
INDICATORS NOT GIVEN
NTP □ Yes □ No
IARC □ Yes □ No
OSHA □ Yes □ No

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.

THRESHOLD LIMITS / TOXICITY DATA
NOT INDICATED.

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**
- Conditions to Avoid
  - May Occur ☐ Will Not Occur ☐
  - None

**SECTION 7 - SPILL, LEAK, AND DISPOSAL PROCEDURES**

**Steps to be taken in case material is released or spilled**
- Flush with water to approved outside drainage.

**WASTE DISPOSAL METHOD**
- Disposer must be 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**
- SAFETY GLASSES

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT**
- LAB COATS.

### SECTION 9 - SPECIAL PRECAUTIONS

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE**
- NONE REQUIRED.

### SECTION 10 - OTHER INFORMATION

**MISCELLANEOUS INFO.**
- **HEALTH:** 2 FLAMMABILITY...0; REACTIVITY.: 1
- **CONTACT:**...1; LABORATORY PROTECTIVE EQUIPMENT FOR NORMAL USE: STANDARD LABORATORY PRACTICE, E.G., LAB COATS AND SAFETY GLASSES.
- DO NOT INGEST. FOR IN-VITRO DIAGNOSTIC USE.

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