



Curtin Matheson Scientific, Inc.
1225 N MICHAEL DRIVE

WOOD DALE, IL 60191-1019

FISONS

MATERIAL SAFETY DATA SHEET

MAIL TO: MICHIGAN STATE UNIV

RECEIVING DEPT.
133 WEST SERVICE DR.
BLDG 183 RM B327

EAST LANSING, MI 48824

SECTION 1 - NAME AND PRODUCT

MANUFACTURER NAME AND ADDRESS
INSTRUMENTATION LAB
PUERTO RICO
113 HARTWELL AVE
LEXINGTON MA 02173
EMERGENCY PHONE 617 861-4183

CHEMICAL NUMBER: IL33310
ITEM NUMBER: 0282643
VNDR CATLG NBR: ILO3331000
ENTRY DATE: 06-11-92
CHANGE DATE: 08-05-92
PD NUMBER: 22321CU REL#318244

COMMON NAME (ON LABEL)

CESIUM DILUENT 1.5MMOL/L

CHEMICAL FAMILY

IL FLAME PHOTOMETER REAGENT PRODUCTS

TRADE NAME & SYNONYMS

CESIUM DILUENT 1.5MMOL/L

CHEMICAL FORMULA

NOT GIVEN

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENT	CAS	% (WT)	TLV	PEL
NO HAZARDOUS INGREDIENTS.	*	.00	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
NO HAZARDOUS INGREDIENTS.

SECTION 3 - PHYSICAL DATA

BOILING POINT N/G	VOLATILE BY VOLUME (%) N/G	VAPOR PRESSURE N/G
MELTING POINT N/G	VAPOR DENSITY N/G	SOLUBILITY IN WATER N/G
EVAPORATION RATE (= 1) N/G	SPECIFIC GRAVITY N/G	
APPEARANCE AND ODOR N/G		

OTHER PHYSICAL DATA
NONE GIVEN.

SECTION 4 - FIRE AND EXPLOSION DATA**FLASH POINT**

N/A

LOWER EXPLOSIVE LIMIT

N/A

UPPER EXPLOSIVE LIMIT

N/A

EXTINGUISHING MEDIA

N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS

N/A

SPECIAL FIRE FIGHTING PROCEDURES

N/A

SECTION 5 - HEALTH HAZARD DATA**HEALTH HAZARDS (ACUTE & CHRONIC)**

N/A

PRIMARY ROUTES OF EXPOSURE

N/A

SIGNS AND SYMPTOMS OF EXPOSURE

N/A

SECTION 5 - HEALTH HAZARD DATA (CONTINUED)

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
N/A

CARCINOGENICITY

NO INDICATORS GIVEN.

INDICATORS NOT GIVEN

NTP Yes No

IARC Yes No

OSHA Yes No

EMERGENCY AND FIRST AID PROCEDURES
N/A

THRESHOLD LIMITS / TOXICITY DATA
N/A

SECTION 6 - REACTIVITY DATA

STABILITY Unstable Stable
CONDITIONS TO AVOID
N/A

INCOMPATIBILITY (MATERIALS TO AVOID)
N/A

SECTION 6 - REACTIVITY DATA (CONTINUED)

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

N/A

HAZARDOUS POLYMERIZATION CONDITIONS TO AVOID

May Occur Will Not Occur

N/A

SECTION 7 - SPILL, LEAK, AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

N/A

WASTE DISPOSAL METHOD

N/A

SECTION 8 - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION

N/A

LOCAL VENTILATION

N/A

MECHANICAL VENTILATION

N/A

SPECIAL VENTILATION

N/A

SECTION 8 - SPECIAL PROTECTION INFORMATION (CONTINUED)**OTHER VENTILATION**
N/A**PROTECTIVE GLOVES**
N/A**EYE PROTECTION**
N/A**OTHER PROTECTIVE CLOTHING OR EQUIPMENT****SECTION 9 - SPECIAL PRECAUTIONS****PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE**
N/A**SECTION 10 - OTHER INFORMATION****MISCELLANEOUS INFO.**
N/A = NOT APPLICABLE. N/G = NOT GIVEN.

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