

## MATERIAL SAFETY DATA SHEET

200 Prospect Street  
Waltham, Massachusetts 02254-9141  
EMERGENCY PHONE: (781)894-0800

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DATE:

### MATERIAL SAFETY DATA SHEET

#### SECTION I ----- IDENTIFICATION -----

IDENTITY: NOVA CRT DILUTOR PACK, STANDARD L  
CATALOG NUMBER: 12882

#### SECTION II HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS: TRISMA BASE - DILUTE SOLUTION IN WATER  
2-AMINO-2-(HYDROXYMETHYL) PROPANE-1,4-DIOL  
TRIS (HYDROXYMETHYL) AMINOMETHANE  
TRIS BUFFER  
TROMETHAMINE  
ORL - RAT  
LD 50:5900 MG/KG

#### SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 100°C  
SOLUBILITY IN WATER: MISCIBLE IN WATER  
APPEARANCE AND ODOR: CLEAR LIQUID

#### SECTION IV FIRE AND EXPLOSION HAZARD DATA

NON-FLAMMABLE  
EXTINGUISHING MEDIA: USE EXTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING FIRE

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### SECTION V REACTIVITY DATA

INCOMPATIBILITY: BASES, OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: DECOMPOSITION MAY PRODUCE CARBON MONOXIDE, CARBON DIOXIDE, AND NITROGEN OXIDES

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

### SECTION VI HEALTH HAZARD DATA

ROUTES OF ENTRY: INHALATION, SKIN, INGESTION

HEALTH HAZARDS (ACUTE AND CHRONIC): MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION. CAUSES EYE AND SKIN IRRITATION. MATERIAL IS IRRITATING TO MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT.

EMERGENCY AND FIRST AID PROCEDURES: IN CASE OF CONTACT IMMEDIATELY FLUSH EYES WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. IN CASE OF CONTACT, IMMEDIATELY WASH SKIN WITH SOAP AND COPIOUS AMOUNTS OF WATER. IF INHALED, REMOVE TO FRESH AIR.

### SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

WEAR RESPIRATOR, CHEMICAL SAFETY GOGGLES, RUBBER BOOTS, AND HEAVY RUBBER GLOVES. PICK UP, PLACE IN PLASTIC CONTAINER AND HOLD FOR WASTE DISPOSAL. VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICK UP IS COMPLETE.

WASTE DISPOSAL METHOD: WASTE SHOULD BE HANDLED BY DISPOSAL COMPANY OBSERVING ALL FEDERAL, STATE, AND LOCAL ENVIRONMENTAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: CHEMICAL SAFETY GOGGLES, COMPATIBLE CHEMICAL-RESISTANT GLOVES. AVOID CONTACT WITH EYES, SKIN, AND CLOTHING.

OTHER PRECAUTIONS: KEEP TIGHTLY CLOSED.

### SECTION VIII CONTROL MEASURES

VENTILATION: MECHANICAL

PROTECTIVE GLOVES: WEAR COMPATIBLE CHEMICAL-RESISTANT GLOVES.

EYE PROTECTION: WEAR CHEMICAL SAFETY GOGGLES

WORK/HYGIENIC PRACTICES: WASH THOROUGHLY AFTER HANDLING.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. NOVA shall not be held liable for any damage or personal injury resulting from handling or from contact with the above product.