

DETEX-Acid™ MATERIAL SAFETY DATA SHEET

by *INFINITEX* 10100 Main Street, Clarence, NY 14031 (716) 741-8381

I - IDENTIFICATION

Product Name (As appears on label)	DETEX-Acid™
CAS Registry Number	Not Applicable
Effective Date	January 6, 2012
Chemical Family	Low pH Granular Membrane Cleaner

II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Chemical Names: 2-hydroxy-1,2,3-propane tricarboxylic acid > 70 %
CAS Reg. No. 77-92-9

III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point (F) :	Not Applicable
Vapor Pressure (mm Hg):	Not Applicable
Vapor Density (AIR=1) :	Not Applicable
Specific Gravity (Water=1):	Not Applicable
Melting Point :	153 degrees C
Evaporation Rate (Butyl Acetate=1):	Not Applicable
Solubility in Water:	576 g/kg
Appearance:	White Granules – no odor
pH (5% solution)	1.8

IV - FIRE AND EXPLOSION DATA

Flash Point (Method Used):	None
Flammable Limits :	LEL No Data UEL No Data
Extinguishing Media:	Water, dry chemical, CO2, foam, sand/earth
Special Firefighting Procedures:	Self-contained positive pressure breathing apparatus and protective clothing should be worn when fighting fires involving chemicals.
Unusual Fire and Explosion Hazards:	None

V - REACTIVITY DATA

Stability:	Stable
Hazardous Polymerization:	Will not occur
Incompatibility (Materials to Avoid):	Avoid strong bases and oxidizing agents
Hazardous Decomposition or Byproducts:	carbon oxides

VI - HEALTH HAZARD DATA

Route(s) of Entry:	Inhalation?	Yes
	Skin?	May cause irritation
	Ingestion?	May cause acute gastric irritation

Health Hazards (Acute and Chronic) : Inhalation of powder will irritate mucous membranes.

Will irritate skin and eyes upon contact.

Carcinogenicity: NTP? No
IARC Monographs? No
OSHA Regulated? No

Signs and Symptoms of Exposure: Exposure will irritate mucous membranes.
May cause sneezing.

Medical Conditions Generally Aggravated by Exposure : Not Established. Unnecessary exposure to this product or any industrial chemical should be avoided. Respiratory conditions may be aggravated by powder.

Emergency and First Aid Procedures:

Eyes- Immediately flush eyes with water for at least 15 minutes. Call a physician.

Skin- Flush with plenty of water.

Ingestion- Drink large quantities of water. Do not induce vomiting. If vomiting occurs, re-administer fluids. See a physician for discomfort.

VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken if Material is Released or Spilled: Shovel and recover as much as possible and flush remainder to sewer. Material is biodegradable. Wear dust mask to prevent inhalation.

Waste Disposal Method: Waste cleaner should be disposed of in accordance with local ordinances, taking into account the contaminants present.

Precautions to be Taken in Storing and Handling: Material should be stored in a dry area to prevent caking.

Other Precautions: No special requirements other than the good industrial hygiene and safety practices employed with any industrial chemical.

VIII - CONTROL MEASURES

Respiratory Protection (Specify Type) : Dust mask
Ventilation: Local Exhaust - Normal
Special - Not Required
Mechanical - Not Required
Other - Not Required
Protective Gloves: Gloves
Eye Protection: Goggles are recommended when handling solutions.
Other Protective Clothing or Equipment: None
Work/Hygienic Practices: No special practices required

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