Reviewed October 2011

Section 1. Identity

Product Name: **DeToX Neutralizer**

Cat#	Description	SDL Prod ID
617	DeToX Neutralizer 10lb container/pkg	00365

Manufacturer/Supplier: Scientific Device Laboratory, 411 Jarvis Avenue, Des Plaines, IL 60018
Phone 847-803-9495

Emergency Information: In case of a chemical emergency, spill, fire, exposure or accident contact Scientific Device Laboratory (847) 803-9495 or CHEMTREC 1-800-424-9300 or 703-527-3887

Section 2. Hazardous Ingredients/Identity Information

Components: Proprietary mixture of inorganic salts

Section 3. Physical/Chemical Characteristics

Appearance: Coarse white granules.
Odor: Slight odor of sulfur dioxide.
Solubility: Very soluble in water, insoluble in alcohol.
Specific Gravity: 1.48
pH: +No information found.
% Volatiles by volume @ 21°C (70°F): No information found.
Boiling Point: Not applicable.
Melting Point: 150°C (302°F)
Vapor Density (Air=1): No information found.
Vapor Pressure (mm Hg): No information found.
Evaporation Rate (BuAc=1): No information found.

Section 4. Fire and Explosion Hazard Data

Flash point: not expected to be a fire hazard
Flammable limits: N/A
LEL/UEL: N/A
Extinguishing medium: water
Special Fire Fighting Procedures: none found
Unusual Fire and Explosion Hazards: none known
Health Rating: 2 - Flammability Rating: 0 - None Reactivity Rating: 2 - Moderate

Section 5. Reactivity Data

Stability: Strength diminishes somewhat with age. Gradually decomposes in air contact with moisture (water, wet ice, etc.), will release toxic gas.
Condition to avoid: swallowing
Reagent incompatibility: strong bases, hydroxides, metal oxides,
Hazardous decomposition or By-products: by burning powder.
Hazardous polymerization: does not occur
Conditions to avoid: freezing or mixing with organic solvents

Section 6. Health Hazard Data

Routes of entry: Inhalation: none Skin: none

Ingestion: May cause gastric irritation by the liberation of sulfurous acid. An asthmatic reaction may occur after ingestion. Large doses may result in nausea, vomiting, diarrhea, abdominal pains, circulatory disturbance, and central nervous system depression. Estimated fatal dose is 10 gm.

Health Hazards: none known in final concentration

First Aid: If swallowed, induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. In case of contact, wipe off excess material from skin then immediately flush eyes or skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Wash clothing before reuse. In all cases, get medical attention.

Oral LD50- none found

Carcinogenicity: none known

Signs and symptoms of exposure: none

Medical conditions aggravated by exposure: none

Emergency First Aid Procedures: skin contact: wash hands thoroughly,

Respiratory: Causes irritation to the respiratory tract. Symptoms may include coughing, shortness of breath. May cause allergic reaction; in sensitive individuals.

Skin: Causes irritation to skin. Symptoms include redness, itching, and pain.

Section 7. Precautions for Safe Handling and Use

Keep in a tightly closed container. Protect from physical damage. Store in a cool, dry, ventilated area away from sources of heat, moisture and incompatibilities.

Steps to be taken if material is spilled: clean with cloth - Discard in flame retardant receptacle

Store in cool dry area tightly capped.

Waste Disposal Method: no special treatment, can be discarded down drain barring any local restrictions for alcohol

Shipping restrictions: None

Precautions to be taken in Handling and Storage: store at room temperature. Do not breathe in vapors

Other Precautions: refer to local disposal regulations.

Section 8. Control Measures

Respiratory Protection: Ventilate area of leak or spill. Wear appropriate personal protective equipment

Ventilation: respiratory mask suggested

Protective Gloves: chemical resistant gloves

Protective Clothing: Chemical resistant

Work/Hygiene Practices: good general microbiology techniques.

Section 9. Transportation

Not regulated

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Revision History

CR NUMBER	REVISION
0908-001	00

0910-001	01
0911-007	02