



Material Safety Data Sheet

Revision Date: 03/29/2006

Page 1 of 2

Section I: Product and Company Information

Emergency Contact: Chem*Tel (800) 255-3924

Product Name: **BUSTER**

Code: **0916**

Shipping Description: SURFURIC ACID (more than 51%)

Sold by: Theochem Laboratories Inc
7373 Rowlett Park Drive
Tampa, FL 33610-1141

8, UN1830, PG II

NFPA Ratings:

Health: 3 - Serious
Fire: 0 - Minimal
Reactivity: 0 - Minimal

HMIS Ratings:

Health: 3 - Serious
Fire: 0 - Minimal
Reactivity: 0 - Minimal

Section II: Hazardous Ingredients

Name	CAS #	% By Weight	OSHA PEL	ACGIH TLV	Other Limits
Sulfuric Acid		93%	1 mg/Cubic M	1 mg/Cubic M	N/A

**Indicates hazardous ingredients which are toxic chemicals subject to the reporting requirements of section 3013 of the emergency planning and community right-to-know act of 1986 and of 40 CFR 32*

Section III: Physical/Chemical Characteristics

Boiling Point:	580 F	Specific Gravity (Water = 1):	1.83
Vapor Pressure (mm.HG):	<0.01 @ 68° F	Melting Point:	N/A
Vapor Density (Air = 1):	N/A	Evaporation Rate (BuAc = 1):	<1
Solubility In Water:	COMPLETE	pH of Concentrate:	<1
Appearance and Odor:	RED TRANSLUCENT LIQUID, WITH ACIDIC ODOR		

Section IV: Fire and Explosion Hazard Data

Flash Point (method used):	NONE	Flammable Limits:	NONE
LEL:	N/A	UEL:	N/A
Extinguishing Media:	DRY CHEMICAL		
Special Firefighting Procedures:	WEAR SELF-CONTAINED-BREATHING-APPARATUS (SCBA) IN POSITIVE PRESSURE DEMAND MODE.		
Unusual Fire & Explosion Hazards:	WATER OR FOAM WILL CAUSE FROTHING WHICH CAN CAUSE VIOLENT REACTIONS, ENDANGERING FIREFIGHTERS.		

Section V: Reactivity Data

Product Is:	STABLE
Conditions To Avoid:	AVOID CONTACT WITH COMBUSTIBLE MATERIALS, POWDERED METALS AND ALKALIES.
Incompatibility (materials to avoid):	N/A
Hazardous Decomposition or Byproducts:	ACID VAPORS
Hazardous Polymerization:	WILL NOT OCCUR

Section VI: Health Hazard DataRoute(s) Of Entry:

Inhalation: YES
 Skin: YES
 Ingestion: UNLIKELY

Health Hazards (Acute & Chronic): THIS PRODUCT IS EXTREMELY CORROSIVE AND ANY CONTACT WITH PRODUCT WILL CAUSE BURNS, WHICH COULD LEAVE PERMANENT MARKS. SWALLOWING THIS PRODUCT IS HARMFUL AND MAY BE FATAL. CONTACT WITH EYES CAN CAUSE BLINDNESS. EXPOSURE TO MISTS AND VAPORS IS HARMFUL AND SHOULD BE AVOIDED. THE INTERNATIONAL RESEARCH ON CANCER HAS DETERMINED THAT MISTS AND VAPORS OF SULFURIC ACID ARE CANCER CAUSING AGENTS.

Carcinogenicity: NTP: NO ARC Monographs: YES OSHA Regulated: NO

Signs & Symptoms Of Exposure: IRRITATING OR BURNING.

Medical Conditions Generally Aggravated by Exposure: DISORDERS OF THE ORGANS.

Emergency and First Aid ProceduresSkin Contact:

IMMEDIATELY FLUSH WASH WITH WATER FOR 15 MINUTES, SEEK IMMEDIATE MEDICAL ATTENTION.

Eye Contact:

IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES, WHILE HOLDING EYELIDS APART. SEEK IMMEDIATE MEDICAL ATTENTION.

Ingestion:

IMMEDIATE RINSE MOUTH, DRINK PLENTY OF WATER AND IMMEDIATELY SEEK MEDICAL ATTENTION. DO NOT INDUCE VOMITING.

Inhalation:

N/A

NOTE TO PHYSICIAN: DISORDERS OF THE ORGANS (SKINS, LUNGS) MAY BE AGGRAVATED BY ASTHMA LIKE CONDITIONS. (EX. ASTHMA LIKE CONDITIONS)

Section VII: Precautions For Safe Handling And UseSpill Steps:

COVER SPILLS WITH SODIUM BICARBONATE (BAKING SODA), SCOOP UP SLURRY AND DISPOSE. TRAINED PERSONNEL SHOULD PERFORM CLEANUPS, WEARING PROTECTIVE EQUIPMENT.

Waste Disposal Method:

DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

Storage & Handling:

NEVER ADD WATER TO THIS PRODUCT. IF YOU WANT A DILUTED OR WEAKER SOLUTION, PUT WATER IN A SEPARATE CONTAINER AND SLOWLY ADD THIS PRODUCT. STORE IN A COOL, DRY AREA. KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP OUT OF REACH OF CHILDREN.

Section VIII: Control Measures

Respiratory Protection: NONE REQUIRED FOR LIQUID. IF MISTS, SPRAYS, OR VAPORS DEVELOP DURING USE, WEAR RESPIRATORS. WEAR NIOSH APPROVED, SELF-CONTAINED BREATHING APPARATUS.

Ventilation: Local Exhaust: LOCAL VENTILATION OF WORK AREA IS RECOMMENDED.

Special: N/A

Mechanical: N/A

Other: N/A

Protective Gloves: POLYVINYL CHLORIDE

Eye Protection: SPLASH GOGGLES

Other Protective Equip/clothing: IMPERVIOUS CLOTHING, RUBBER BOOTS.

Work/hygienic Practices: WASH HANDS AFTER USE.