

## PROTON MULTISAN SANITIZER

Section 1. Chemical Product and Company Information	
Product Name	PROTON MULTISAN SANITIZER
Product Use	Industrial / institutional sanitizer. This product is intended to be diluted prior to use.
MSDS#	PRO 1001
Manufacturer	The Proton Group Limited
US Distributor	Banner Equipment Co. 1870 Bungalow Road Morris Illinois 60450 Phone: 800-621-4625
Issue Date:	23/07/2004
<u>In Case of Emergency</u>	800-621-4625

Section 2. Composition and Information on Ingredients				
Ingredients	CAS#	% by Weight	Exposure Limits	LC 50/LD50
Tricloromelamine	7673-09-8	18.7	Not available	Not available

Section 3. Hazards Identification	
Routes of entry	Inhalation, skin contact, eye contact, ingestion
Potential acute health effects	Eyes – Corrosive to eyes. Skin – Can cause skin irritation. Inhalation – Irritating to upper respiratory tract. Ingestion – Harmful if swallowed.
Medical conditions aggravated by overexposure	None known.

Section 4. First Aid Measures	
Eye contact	Immediately flush with water. Remove contact lenses. Then flush eyes with water for 15 minutes. Get medical attention immediately.
Skin contact	Flush powder from skin with plenty of soap and water. If irritation occurs and persists, contact physician.
Inhalation	If inhaled: remove to fresh air, if not breathing give artificial respiration. If breathing is difficult give oxygen.
Ingestion	Do not induce vomiting. Immediately drink 1-2 glasses of water or milk. Never give anything by mouth to an unconscious person. Get medical attention immediately.
Note to physician	Probable mucosal damage may contraindicate the use of gastric lavage.

Section 5. Fire Fighting Measures	
Flammability of the product	Not known.
Flash points	Above 150F.
Products of combustion	Emits toxic fumes under fire conditions.
Fire fighting media and instructions	Extinguish with water, dry chemical, carbon dioxide or foam.
Protective clothing (fire)	Wear full protective equipment including self-contained breathing apparatus.
Special remarks on fire and explosion hazards	The material is capable of creating dust explosions. It is an oxidiser, contact with other materials may cause fire.

Section 6. Accidental Release Measures	
Personal Precautions	Put on personal protective equipment consisting of contained breathing apparatus, rubber boots and rubber gloves.
Environmental precautions and clean-up methods	Cover with dry lime or soda ash. Sweep solids into proper container for disposal by approved methods. Use a water rinse for final clean up.

Section 7. Handling and Storage	
Handling	Avoid contact with eyes, skin and clothing. Do not taste or swallow. Wash thoroughly after handling. Product residue may remain on/in empty packages. All precautions for handling the product must be used in handling the empty container and residue. Avoid breathing dust.
Storage	Store in a dry, cool and well ventilated area. Protect from freezing. Keep container tightly closed. KEEP OUT OF REACH OF CHILDREN.

Section 8. Exposure Controls / Personal Protection	
Engineering controls	Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required if good ventilation is maintained.
Personal protection	Eyes – Protect eyes from exposure to powder when opening package. Safety goggles are recommended for spills or if exposure to powders is likely.
	Hands – Protect skin from exposure to powder when opening package. Gloves are recommended for spills or if exposure to the powder is likely.
	Respiratory – If dust is not adequately controlled by ventilation, use appropriate respiratory protection to avoid over exposure.
	Body – If major exposure is possible, wear suitable protective clothing and footwear.

Section 9. Physical and Chemical Properties	
Physical state and appearance	Powder
Odor	Chlorine
Color	Light yellow
pH	4.7 (5% slurry H2O)

<b>Specific gravity</b>	N/A
<b>Solubility in water</b>	Slight

### Section 10. Stability and Reactivity

<b>Stability</b>	Stable at ambient conditions.
<b>Reactivity</b>	Material is an oxidizer, contact with other material may cause fire.
<b>Conditions of instability</b>	Excessive heat.
<b>Incompatibility</b>	DO Not mix with acetone, turpentine or other ketones. Explosion may result
<b>Hazardous polymerization</b>	Not expected at ambient conditions
<b>Hazardous decomposition</b>	Toxic decomposition products include chlorine, oxides of nitrogen. Oxides of sodium.

### Section 11. Toxicological Information

<b>Acute toxicity</b>	Some toxicological data has been presented to the EPA.
<b>Effects of chronic exposure</b>	None known
<b>Other toxic effects</b>	None known

### Section 12. Ecological Information

Not available
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### Section 13. Disposal Considerations

<b>Waste information</b>	Collect and dispose of the waste in accordance with applicable local, state and federal laws.
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### Section 14. Transport Information

<b>DOT Proper Shipping Name</b>	N/A
<b>DOT Class</b>	
<b>UN No.</b>	
<b>Packing Group</b>	
<b>DOT Special Considerations</b>	

### Section 15. Regulatory Information

<b>Registered product information</b>	US EPA registered. EPA Reg No. 65169-1-81772
<b>Chemical Inventory Status</b>	All ingredients of this product are listed or excluded from listing on the US Toxic Substances Control Act (TSCA) Chemical Substance Inventory