

Section V -- REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	Heat, flame, sources of ignition
	Stable	X		

Incompatibility (*Materials to Avoid*) **Combustible, organic and reducing materials, acids, sulfur, phosphorous, metal powders**

Hazardous Decomposition or Byproducts **Hydrogen chloride**

Hazardous Polymerization	May Occur		Conditions to Avoid	Contact with strong mineral acid may produce anhydrous
	Will Not Occur	X		perchloric acid.

Section VI -- Health Hazard Data

Route(s) of Entry:	Inhalation?	Irritant	Skin?	Irritant	Ingestion?	Irritant
Health Hazards (<i>Acute and Chronic</i>)	Implicated in aplastic anemia. Absorption can cause methemoglobinemia and kidney injury. May cause conjunctivitis.					
Carcinogenicity:	NTP?	No	ARC Monographs?	No	OSHA Regulated?	No

Signs and Symptoms of Exposure **Effects of overexposure: Powerful oxidizer, high irritant to skin, eyes and mucous membranes.**

Medical Conditions Generally Aggravated by Exposure	See above
Emergency and First Aid Procedures	Eyes: Wash thoroughly with water for at least 15 minutes. Obtain medical attention. Skin: Flush with plenty of water. Inhalation: Obtain medical attention. Ingestion: Induce vomiting. Call a physician. Never give anything by mouth to an unconscious person.

Section VII -- Precautions for Safe Handling and Use

Steps to Be taken in Case Material is Released or Spilled **If in solid form, sweep up and dispose of as below. If in solution form, keep out of water sources and sewers. Absorb spill with sawdust and dispose of as below.**

Waste Disposal Method **For small quantities, dissolve in water. Saturate sawdust with solution. Spread in thin layers and let dry in controlled burning area. When dry, carefully burn impregnated sawdust. For large quantities, consult manufacturer.**

Precautions to be Taken in Handling and Storing **Handle and store in a cool, dry fire-resistant building. Perchlorates should be used directly from original containers kept tightly closed when not in use. Do not skid or slide drum. Area must be kept clean to prevent contamination if perchlorates are spilled.**

Other Precautions **Nonreturnable drums should be emptied and thoroughly washed out with water before disposal. They constitute a potential fire hazard. Burn or bury plastic liners. Absolutely no smoking, sparks or open flames are permitted.**

Section VIII -- Control Measures

Respiratory Protection (<i>Specify Type</i>)	NIOSH-approved respirator or dust mask in confined areas.	Special	None
Ventilation	Local Exhaust	X (or adequate general ventilation)	Other
	Mechanical (<i>General</i>)	If adequate	None
Protective Gloves	NIOSH-approved rubber gloves recommended	Eye Protection	Safety glasses with sideshields
Other Protective Clothing or Equipment	Wear easily washable synthetic fabric clothing or coveralls, never 100% cotton which becomes highly flammable when contaminated. Wear rubber shoes or boots.		
Work/Hygienic Practices	Keep work areas clean. Include the periodic cleaning of any accumulations of dust on pipes, structural members or walkways.		