

Alcavis HDC, LLC

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**Material Safety
Data Sheet**

MSDS. Rev. No.: 2 Date: 05/2008

I Product: ALCAVIS Bleach Wipes 1:10 (0.525%)	
Description: WIPE PRESATURATED WITH PRE-DILUTED BLEACH 0.525%	
Composition	Manufacturer
Sodium Hypochlorite 0.525% CAS 7681-52-9	Alcavis HDC, LLC 8322 Helgerman Court Gaithersburg, MD USA
Emergency Telephone No.	
Alcavis HDC, LLC 8322 Helgerman Court Gaithersburg, MD USA Phone: 301-330-7597 Fax: 301-330-6432	
II Health Hazard Data	VII Handling and Storage
Contact with eyes may cause irritation. Contact with skin may cause irritation. Liquid may cause irritation to gastrointestinal tract if swallowed. Vapor concentrations above recommended exposure limits are irritating to the eyes and the respiratory tract. Use adequate ventilation.	Handling: Wear protective gloves while using. Avoid contact with eyes, skin and clothing. Wash hands after handling. Use adequate ventilation.
	VIII Exposure Controls
	OSHA PEL:0.5 ppm; OSHA STEL: 1 ppm; ACGIH TLV: 1 ppm; ACGIH STEL: 3 ppm
III Hazardous Ingredients	IX Chemical and Physical Properties
Available chlorine at expiration at least: 0.50% CAS No. 7681-52-9 Available chlorine is composed of hypochlorite ion (OCI ⁻) and hypochlorous acid (HOCl). None of the ingredients are classified as hazardous ingredients.	Boiling point N/A Freezing point N/A Specific gravity (H ₂ O=1) 1.016 (approx for liquid) Solubility in Water Wipe is not soluble in water pH 10.0 - 12.0 Form Wipe saturated with diluted bleach Colour Light yellow Odour Chlorine
IV First Aid Measures	X Reactivity Data
Eyes: Immediately flush eyes with plenty of water. If irritation persists, seek medical attention. Skin: Immediately flush skin with plenty of water. If irritation persists, seek medical attention. INGESTION: If swallowed, drink large quantities of milk or gelatin solution. If these are not available, drink large quantities of water and call a physician. Do not give vinegar or other acids. Do not induce vomiting. Antidote: Sodium thiosulphate; gastric lavage. INHALATION: If breathing problems occur seek fresh air immediately, seek medical attention.	Stable under normal use and storage conditions. Strong oxidizing agent. Reacts with other household chemicals such as toilet bowl cleaners, rust removers, vinegar, acids or ammonia containing products to produce hazardous gases, such as chlorine and other chlorinated species. High temperature and direct sunlight may cause swelling of the container. Stable for 12 months.
V Fire Fighting Measures	XI Toxicological Information
Flammability: Not flammable (ICAO 1.1.2.1) Explosion Hazard: None Extinguishing media: Alcohol foam, carbon dioxide water spray or fog. Precautions: Remove sources of ignition. Hazardous Combustion Products: None Special Information: None	In the case of medical emergency, contact your local poison control center.
VI Accidental Release Measures	XII Disposal
Remove all sources of ignition. Place in appropriate containers for disposal.	Do not reuse wipe. Dispose of wipe and package in proper trash receptacle. Do not flush in toilet. If wipe used to clean contaminated surface, dispose in biohazard waste receptacle
	XIII Transportation
	DOT/IATA/IMDG: Not Restricted. EPA-SARA Title III/CERCLA: This product is regulated under Sections 311/312. This product contains no chemicals that are regulated under Section 313 and contains sodium hypochlorite and sodium hydroxide that are regulated under Section 304/CERCLA.