8322 Helgerman Court, Gaithersburg, MD 20877 Tel. 301-330-7597 Fax: 301-330-6432

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

I Product: ALCAVIS	Bleach Wipes 1:10 (0.525%)	MSDS, Rev. No.: 2 Date: 05/2008	
Description: WIPE PRES	SATURATED WITH PRI	E-DILUTED	BLEACH 0.525%	
Composition	Manufacture		Emergency Telephone No.	
Sodium Hypochlorite 0.525%	Alcavis HDC, LI		Alcavis HDC, LLC	
CAS 7681-52-9	8322 Helgerman	i i	8322 Helgerman Court	
	Gaithersburg, N		Gaithersburg, MD USA	
	USA		Phone: 301-330-7597 Fax: 301-330-6432	
II Health Hazard Data		VII Hand	dling and Storage	
Contact with eyes may cause irritation.		Handling: Wear protective gloves while using.		
Contact with skin may cause irritation.		Avoid contact with eyes, skin and clothing. Wash		
Liquid may cause irritation to gastrointestinal		hands after handling. Use adequate ventilation.		
tract if swallowed.				
Vapor concentrations above recommended		VIII Exposure Controls		
exposure limits are irritating to the eyes and the		OSHA PEL:0.5 ppm; OSHA STEL: 1 ppm;		
respiratory tract. Use adequate ventilation.		ACGIH TLV: 1 ppm; ACGIH STEL: 3 ppm		
III Hazardous Ingredients		IX Chemical and Physical Properties		
Available chlorine at expiration at least: 0.50%		Boiling point N/A		
CAS No. 7681-52-9		Freezing point N/A		
Available chlorine is composed of hypochlorite			avity (H2O=1) 1.016 (approx for liquid)	
ion (OCI) and hypochlorous acid (HOCI).		Solubility in		
None of the ingredients are classified as		рH	10.0 - 12.0	
hazardous ingredients.		Form	Wipe saturated with diluted bleach	
		Colour	Light yellow	
IV First Aid Measures		Odour	Chlorine	
Eyes: Immediately flush eyes wit	h plenty of water.		•	
If irritation persists, seek medical attention.		X Reactivity Data		
Skin: Immediately flush skin with plenty of water.		Stable under normal use and storage conditions. Strong		
If irritation persists, seek medical attention.		oxidizing agent. Reacts with other household chemicals		
INGESTION: If swallowed, drink large quantities		such as toilet bowl cleaners, rust removers, vinegar, acids		
of milk or gelatin solution.		or ammonia containing products to produce hazardous		
If these are not available, drink large		gases, such as chlorine and other chlorinated species.		
quantities of water and call a physician. Do not		High temperature and direct sunlight may cause		
give vinegar or other acids. Do not induce vo-		swelling of the container. Stable for 12 months.		
miting. Antidote: Sodium thiosulph			•	
lavage. INHALATION: If breathing				
occur seek fresh air immediately, seek medical		XI Toxicological Information		
attention.		In the case of medical emergency, contact your local poison		
V Fire Fighting Measures		control center.		
Flammability: Not flammable (IC)	AO 1.1.2.1)]		
Explosion Hazard: None		XII Disposal		
Extinguishing media: Alcohol foa	m, carbon	Do not reuse wipe. Dispose of wipe and package in proper		
dioxide water spray or fog.	•	trash receptacle. Do not flush in toilet.		
Precautions: Remove sources of	ignition.		ted surface, dispose in biohazard waste receptacle	
Hazardous Combustion Products: None			sportation	
Special Information: None		DOT/IATA/IMDG: Not Restricted.		
			A Title III/CERCLA: This product is regulated under	
VI Accidental Release Measures		Sections 311/312. This product contains no chemicals that		
Remove all sources of ignition. Place in		are regulated under Section 313 and contains sodium		
appropriate containers for disposal.		_	te and sodium hydroxide that are regulated under	
		Section 304/CERCLA.		



PRODUCT RETURN TERMS AND CONDITIONS

PRODUCT RETURNS: Requirements – Purchaser must obtain a valid Return Good Authorization ("RGA") number from Alcavis HDC for all returns. RGAs will be issued at, Alcavis HDC's sole discretion, in accordance with these terms and conditions. Purchaser must provide its account information as required by Alcavis HDC for all returns. RGAs are valid for fourteen (14) calendar days from the date of issuance. Purchaser must allow for in-transit time for Products to be returned to Alcavis HDC, as Alcavis HDC must physically receive Products within the fourteen (14) calendar days. RGAs will be issued for authorized returns under one of the following categories: (i) defective Products, (ii) stock balancing, (iii) billing or shipping discrepancies, or (iv) damaged Product. Purchaser is responsible for ensuring that the RGA number is clearly visible on the address label of the Product packaging when it is returned to Alcavis HDC. Alcavis HDC will refuse delivery of any box without a valid, clearly visible RGA number as noted above. Overgoods are unauthorized returns. Any Products received by Alcavis HDC (i) without a valid RGA number, including Product shipments refused by Purchaser except those damaged in transit from Alcavis HDC to Purchaser, (ii) later than fourteen (14) calendar days from the RGA date, or (iii) in a condition unsuitable for resale (excluding defective Products), will be considered Overgoods. Alcavis HDC will return Overgoods to Purchaser, and will charge Purchaser a \$50 processing fee per shipment plus related freight charges. If Purchaser refuses the shipment of Overgoods from Alcavis HDC or returns the Overgoods to Alcavis HDC a second time without prior authorization, Purchaser agrees to relinquish all right and title to and waives all claims against Alcavis HDC for credit related to such Products.

Defective Product Returns — Defective returns are only for Products purchased from Alcavis HDC that are inoperable or do not function in accordance with the specifications published by Alcavis HDC. Purchaser may request an RGA for the return of defective Products within sixty (60) calendar days of invoice date. Upon receipt of the defective Product for which RGA was issued, Alcavis HDC may test the Products and may return to Purchaser, at Purchaser's expense, ant Products found not to be defective. Upon verification that the returned Product is defective, Alcavis HDC may, at Alcavis HDC's sole discretion, either (i) ship Purchaser a replacement Product, or (ii) provide Purchaser a credit equal to the lesser of the Product's invoice price or current replacement value less any applicable charges or fees. Alcavis HDC shall not be obliged to repair, replace, or issue credit to Purchaser for Products rendered defective, in whole or in part, by causes external to the Products, including, but not limited to, catastrophe, power failure or transients, overvoltage on interface, environment extremes, improper use, maintenance or application of the Product or use of unauthorized parts. Purchaser shall bear all risks of loss when returning defective Products.

Stock Balance Returns – Stock balance returns are only for Products purchased from Alcavis HDC that are unopened and unused and can be re-sold as new. All stock balance Products returned must be in the original packaging and in condition suitable for resale including, but not limited to, clean, undamaged and complete ("Stock Balance Condition"). Purchaser may request RGA for the return of Products in Stock Balance Condition within thirty (30) calendar days of invoice date. Upon receipt of the Product for which the RGA was issued, Alcavis HDC will verify the condition of the Product. Purchaser will be charged a restocking fee of 15% of the value of the returned Products in Stock Balance Condition. Any Products that are not in Stock Balance Condition will be considered Overgoods. Additional fees may apply to returned Products; e.g. re-box, label removal, reshrink, etc. that are not in Stock Balance Condition. Upon verification that the returned Products is in Stock Balance Condition, Alcavis HDC will issue a credit to Purchaser equal to the lesser of the Product's invoice price or current replacement value less any applicable charges or fees. If Alcavis HDC elects to restore returned Product to Stock Balance Condition instead of returning it to Purchaser, the credit to Purchaser will be net of Alcavis HDC's costs to return the Product to Stock Balance Condition. Purchaser shall pay all costs and bear all risks of loss when returning Products to Alcavis HDC.

Damaged Product Returns - Damaged product returns are only for Products purchased from Alcavis HDC and shipped via Alcavis HDC's carrier of choice that are damaged in transit from Alcavis HDC to the Purchaser. Purchaser shall refuse any Product delivered in damaged condition. If Product is received in damaged condition, Purchaser shall notify Alcavis HDC and request an RGA within three (3) business days of receipt of such Product. Failure to notify Alcavis HDC and request an RGA within such time shall be deemed an acceptance of the Product as of the date of shipment.

Billing and Shipping Discrepancies – Billing and shipping discrepancies are for Products purchased from Alcavis HDC that were invoiced or shipped incorrectly. These include tost shipments, short shipments, wrong sales, wrong shipments and pricing/invoice errors. Purchaser may request RGA for verified billing and shipping discrepancies within thirty (30) calendar days of invoice date. In addition, Purchaser must notify Alcavis HDC of any billing discrepancies related to Purchaser's authorized returns within forty five (45) calendar days of RGA date. Such notice shall be reasonably detailed and shall specify the discrepancy. Failure to give such notice within the time specified herein shall be deemed a waiver of Purchaser's rights to claim such discrepancy.