

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration
MATERIAL SAFETY DATA SHEET

Alcavis 1:100 Dilution Bleach-Wipe

SECTION I

MANUFACTURER'S NAME	Infection Control Ventures	EMERGENCY PHONE NUMBER	(773) 804-1990
ADDRESS (Number, Street, City, State and Zip Code) 1900 North Austin Ave, Chicago, IL 60639			
CHEMICAL NAME AND SYNONYMS Sodium hypochlorite, Bleach, Dakins Solution		TRADE NAME AND SYNONYMS Bleach (Chlorine)	
CHEMICAL FAMILY Sodium hypochlorite (Bleach)		FORMULA NaOCl	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS		%	TLV (Units)	ALLOYS AND METALIC COATINGS		%	TLV (Units)
PIGMENTS			None	BASE METAL			N/A
				Not Applicable			
CATALYST	SOLUTION CONCENTRATE CAN BE STATED IN TERMS OF "AVAILABLE CHLORINE" WHICH IS APPROXIMATELY 95% OF NaOCl CONTENT BY WEIGHT.		None	ALLOYS			N/A
VEHICLE			None	METALIC COATINGS			N/A
SOLVENTS			None	FILLER METAL PLUS COATING OR CORE FLUX			N/A
ADDITIVES				OTHERS			
OTHERS							
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES						%	TLV (Units)
Incompatible with acids, ammonium chlorides, urea, sunlight accelerates						-----	-----
decomposition. I.C.V.'s gas impermeable packets reduces/eliminates the effect						-----	-----
of sunlight. I.C.V.'s 5.25% NaCO1 is diluted with distilled water.						-----	-----

SECTION III - PHYSICAL DATA

BOILING POINT Decomposes	-----	SPECIFIC GRAVITY (H 0-1) 5.25% 1.025 GM/ML
VAPOR PRESSURE (mm Hg.)	17.5	PERCENT, VOLATILE BY VOLUME (%) 89%
VAPOR DENSITY (AIR 1)	74.4	EVAPORATION RATE (-----1) 1 ML/2 sec.
SOLUBILITY IN WATER	100%	
APPEARANCE AND ODOR Clear - Pale yellow Chlorine Odor		

SECTION IV - FIRE AND EXPOSURE HAZARD DATA

FLASH POINT (Method used) Non-flammable	FLAMMABLE LIMITS -----		
EXTINGUISHING MEDIA Use water spray to cool fire to dilute and control vapors if packet is externally ignited.			
SPECIAL FIRE FIGHTING PROCEDURES Firefighters should wear full and protective clothing and respirator.			
USUAL FIRE AND EXPOSURE HAZARDS N/A			

SECTION V – HEALTH HAZARD DATA**PRIMARY ROUTES OF ENTRY:**

Respiratory, oral if ingested, skin

EFFECTS OF OVEREXPOSURE

Anaphylactic-like symptoms, esophageal, stomach and laryngeal edema, nausea, vomiting,

extreme exposure, circulatory collapse, pulmonary edema.

EMERGENCY AND FIRST AID PROCEDURES

Ocular: irrigated eye(s) with water for 10-15 minutes, skin:

flush/rinse affected area thoroughly with water. Inhalation: Remove to fresh air.

Ingestion: Rinse mouth with water. Give large quantities of milk. In all cases call physician immediately.

SECTION VI – REACTIVITY DATA**STABILITY**

STABLE

CONDITIONS TO AVOID

Liberation of chlorine

UNSTABLE

X

INCOMPATIBILITY (Materials to avoid)

Chemicals: Quaternary ammonium chloride

HAZARDOUS DECOMPOSITION PRODUCTS

None known

HAZARDOUS**POLYMERIZATION**

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

SECTION VII – SPILL OR LEAK PROCEDURES**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

Spills can be flushed to a suitable holding area and then flush with water to high dilution sewer.

WASTE DISPOSAL METHOD

When necessary, hypochlorite can be neutralized with buffer compounds or other reducing agents.

SECTION VIII – SPECIAL PROTECTION INFORMATION**RESPIRATORY PROTECTION (Specify type)**

In case of mass exposure of 12% or greater, a gas filtered respirator

VENTILATION**LOCAL EXHAUST**

N/A

SPECIAL

N/A

MECHANICAL (General)

N/A

OTHER

N/A

PROTECTIVE GLOVES

Skin protection recommended.

EYE PROTECTION

Avoid ocular contact, eye

protection recommended.

OTHER PROTECTIVE EQUIPMENT

See above

SECTION IX – SPECIAL PRECAUTIONS**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

Store at room temperature away from incompatible materials.

Keep separate from acids and organics.

OTHER PRECAUTIONS

Do not mix with acidic cleaning agents which can release chlorine gas.

Avoid vapors, fumes, etc.

PREPARERS: