



**INDUSTRIAS AIE n
RESEARCH & DEVELOPMENT**

MATERIAL SAFETY DATA SHEET

HAZARD RATINGS	
HEALTH	2
FLAMMABILITY	0
REACTIVITY	1
SPECIFIC	OXY

SECTION I. GENERAL DATA

DISTRIBUTED BY: White Cap. Inc.	TELEPHONE (609) 267-8990	FAX (609) 267-1923
ADDRESS 5400 Delaware Ave. Hainesport NJ 08036	CHEMTREC EMERGENCY INFORMATION TELEPHONE For domestic shipments 800 424 9300 For shipments outside US 703 527 3887	

SECTION II. PRODUCT DATA

PRODUCT NAME CLORALEX BLEACH	
CHEMICAL NAME sodium Hypochlorite solution	CAS NUMBER 7681529
SYNONYMS/ TRADE NAMES Carrel-Drakin solution	
APPLICATION Bleach	

SECTION III. COMPOSITION / INGREDIENTS INFORMATION

HAZARDOUS INGREDIENTS	% P / P	CAS NUMBER	PERMISSIBLE UPPER LIMIT CPT/CCT/ P (ppm)	SPECIAL HAZARDS LD50/LC50
Sodium hypochlorite	5.25 - 5.50	7681-52-9	1 ppm	5800mg/kg/>10500 mg/m3(1hr)
Sodium hydroxide	<0.50	1310-73-2		500 mg/kg/N Av

SECTION IV. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	clear liquid		
COLOR AND ODOR:	light yellow and characteristic odor		
BOILING POINT (°C):	100°C	MELTING O FREEZING POINT:	NA
FIRE POINT (° C):	NA	AUTO IGNITION TEMPERATURE (°C):	NA
DENSITY (g/ml):	1.090minimum	VAPOR DENSITY:	NA
MOLECULAR WEIGHT:	74.45	VOLATILITY:	NA
PERCENT WATER (%p/p) :	93	VAPOR PRESSURE (mmHg a 37.3°C):	NA
LOWER EXPLOSION LIMIT (%):	NA	UPPER EXPLOSION LIMITY (%):	NA
PH:	12.6 max.	VISCOSITY (cps):	NA
SOLUBILITY IN WATER:	100%		
SOLUBILITY IN OTHERS:	NA		

SECTION V. FIRE FIGHTING MEASURES

FLASH POINT °C NA	TEST METHOD NA		
EXTINGUISHING MEDIA: WATER FOG <input type="checkbox"/>	CO2 <input type="checkbox"/>	FOAM <input type="checkbox"/>	OTHER <input type="checkbox"/>
NA			
UNUSUAL FIRE AND EXPLOSION HAZARDS NA			
SPECIAL FIRE FIGHTING PROCEDURES NA			
CONDITIONS TO AVOID NA			

HAZARDOUS COMBUSTION PRODUCTS

NA

SECTION VI. REACTIVITY INFORMATION

STABILITY:

STABLE

UNSTABLE

CHEMICAL TO AVOID

NONE

WATER

ACIDS

ALKALIS

OXID

OTHER

Metals, ammonia, urea

HAZARDOUS POLYMERIZATION

WILL NOT OCCUR

MAY OCCUR (CONDITION TO AVOID)

HAZARDOUS COMBUSTION PRODUCTS

Chlorine gas

WILL NOT OCCUR

MAY OCCUR (CONDITION TO AVOID) Contact with acidic products

SECTION VII. POTENTIAL HEALTH EFFECTS

A. HEALTH EFFECTS

	ACUTE	CHRONIC
INGESTION	Intoxication	NA
INHALATION	Irritation	NA
SKIN	Irritation	NA
EYES	Irritation	NA

HAZARDS

CARCINOGENIC

INCLUDED IN NOM 010 STPS

MUTAGENIC

THERATOGENIC

INCLUDED IN OTHER REFERENCES

NA

COMPLEMENTARY INFORMATION

TEST	RESULTS	ANIMAL SPECIES
ND		

INGESTION	DO NOT INDUCE VOMITING. Drink large amounts of water or milk. Do not give anything by mouth to a convulsing or unconscious person. See a doctor immediately.
INHALATION	Move to fresh air and restore breathing, if required.
SKIN	Wash with soap and water. Remove contaminated clothing .
EYES	Flush eyes with cool running water holding eyelids apart to ensure thorough rinsing for 15 minutes. Remove contact lenses. See a doctor immediately.

SECTION VIII. SPILL AND DISPOSAL INFORMATION

STEPS TO BE TAKEN IN CASE OF SPILLAGE OR RELEASE

Large spills: Contain run-off by diking with suitable material. Soak up liquid on inert absorbent and transfer to approved container. Prevent spill from entering sewers or waterways.
Small spills: Dilute product by flooding area with large quantity of water and flush to sanitary sewer.

PERSONAL PROTECTION EQUIPMENT

GLOVES latex GOGGLES BOOTS COARSE Resistant OTHER Gas mask

WASTE DISPOSAL METHODS

Dispose of waste in accordance with all local, state and federal regulations.

SECTION IX. PERSONAL PROTECTION INFORMATION

VENTILATION REQUEST

GENERAL VENTILATION LOCAL VENTILATION UNNECESSARY IN NORMAL COND.

PERSONAL PROTECTION EQUIPMENT UNDER NORMAL USE CONDITIONS

GLOVES latex GOGGLES BOOTS COARSE Resistant OTHER

SECTION X. TRANSPORT INFORMATION

NA

SECTION XI. ECOLOGICAL INFORMATION

NA

SECTION XII. SPECIAL PRECAUTIONS

HANDLING AND STORAGE PRECAUTIONS

Do not mix with acidic or ammonia products because it will produce toxic fumes
Store in a cool, dry and well-ventilated area (25 °C)

OTHERS

DISCLAIMER

This information was taken for an actual MSDS given by the supplier and/or manufacturer and only given the proper format to standardize all finished goods used in Industrias AIE n. Industrias AIE n does not guarantee in any form expressed or implied and it's not responsible for the correctness or accuracy of the information contained in this MSDS. It is user's responsibility to determine safe conditions for use to assume liability or loss, injury, damage or damage resulting from improper use of this product.

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