



INDUSTRIAS AIE n
RESEARCH & DEVELOPMENT

MATERIAL SAFETY DATA SHEET

NFPA HAZARDS	
HEALTH	2
FLAMMABILITY	0
REACTIVITY	1
SPECIFIC	OXY

SECTION I. PRODUCT AND COMPANY INFORMATION

MANUFACTURER ALEN DEL NORTE S.A. DE C.V.	MEXICO EMERGENCY TELEPHONE 01 800 834 33 00	FAX 01 812 210 96 Ext.1106
ADDRESS Blvd. Díaz Ordaz No. 1000, Los Treviño, Santa Catarina, C.P. 66350, N.L. México	INFORMATION TELEPHONE (US) For domestic shipments 800 424 9300 For shipments outside US 703 527 3887	
PRODUCT NAME XTRA PINE BATHROOMS		
CHEMICAL NAME NA	CAS NUMBER NA	
SYNONYMS/ TRADE NAMES NA		
APPLICATION Bathroom cleaner with bleach		

SECTION II. COMPOSITION AND INGREDIENTS INFORMATION

HAZARDOUS INGREDIENTS Chemical/Common Name	Composition Range	CAS NUMBER	ACGHI	OSHA PEL/NIOSH REL
Hydrochlorous acid sodium salt/Sodium hypochlorite	0.4 - 1.5	7681-52-9	TLV: Not Established	ND
Sodium hydroxide/Caustic soda	0.9 - 0.1	1310-73-2	TLV-ceiling:2 mg/m ³	PEL-TWA: 2 mg/m ³ REL-ceiling: 2 mg/m ³

SECTION III. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW	There is no known adverse effect form chronic exposure to the recommended use of this product
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SECTION IV. FIRST AID MEASURES

INGESTION	DO NOT INDUCE VOMITING. Drink large amounts of water. Do not give anything by mouth to a convulsing or unconscious person. See a doctor immediately.
INHALATION	Move to a 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 V. FIRE AND EXPLOSION DATA

FLASH POINT °C NA	TEST METHOD NA
FLAMMABILITY NA	EXPLOSIVE LIMITS IN AIR NA
EXTINGUISHING MEDIA: NONE KNOWN <input type="checkbox"/> CO ₂ <input checked="" type="checkbox"/> FOAM <input checked="" type="checkbox"/> OTHER <input checked="" type="checkbox"/> Dry Chemical or Water spray	

UNUSUAL FIRE AND EXPLOSION HAZARDS Fire fighters should wear self-contained breathing apparatus.
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SPECIAL FIRE FIGHTING PROCEDURES NA

CONDITIONS TO AVOID NA

HAZARDOUS COMBUSTION PRODUCTS
Carbon dioxide and carbon Monoxide, chlorine gas may be released

SECTION VI. SPILL AND DISPOSAL INFORMATION

STEPS TO BE TAKEN IN CASE OF SPILLAGE OR RELEASE
Large spills: wear protective equipment, remove sources of ignition, sweep up the material, use absorbent material like sand or saw dust, collect in closed containers, wash area with water.

PERSONAL PROTECTION EQUIPMENT
GLOVES Latex GOGGLES BOOTS APRON Resistant OTHER

SECTION VII. HANDLING AND STORAGE

Keep out of the reach of children

SECTION VIII. EXPOSURE CONTROLS / PERSONAL PROTECTION

VENTILATION REQUERIMENTS
GENERAL VENTILATION LOCAL VENTILATION UNNECESSARY IN NORMAL COND.

PERSONAL PROTECTION EQUIPMENT UNDER NORMAL USE CONDITIONS
GLOVES Latex GOGGLES BOOTS APRON Resistant OTHER

WORK/HYGIENIC PRACTICES
None special requirements

SECTION IX. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear liquid
COLOR AND ODOR: Light yellow and characteristic odor
BOILING POINT (°C): NA MELTING O FREEZING POINT: NA
FIRE POINT (° C): NA AUTO IGNITION TEMPERATURE (°C): NA
DENSITY (g/ml): 1.030-1.050 VAPOR DENSITY: ND
MOLECULAR WEIGHT: NA VOLATILITY: NA
PERCENT VOLATILE 100°C : 93.0-93.8 VAPOR PRESSURE (mmHg a 37.3°C): ND
LOWER EXPLOSION LIMIT (%): NA UPPER EXPLOSION LIMITY (%): NA
PH: 12.5-13.5 VISCOSITY (cps): NA
SOLUBILITY IN WATER: Complete
SOLUBILITY IN OTHERS: NA

SECTION X. REACTIVITY INFORMATION

STABILITY: STABLE UNSTABLE
Under normal use and storage conditions
INCOMPATIBILITY WITH VARIOUS SUBSTANCES
NONE KNOWN WATER ACIDS ALKALIS OXID OTHER Metals, ammonia, urea
HAZARDOUS POLYMERIZATION
WILL NOT OCCUR MAY OCCUR (CONDITION TO AVOID)
CONDITIONS OF INSTABILITY
WILL NOT OCCUR MAY OCCUR (CONDITION TO AVOID) Contact with acidic products, ammonia or vinegar may release chlorine gas

HAZARDOUS DECOMPOSITION PRODUCTS
Carbon dioxide, carbon monoxide may be produced. Chlorine gas may be released

SECTION XI. TOXICOLOGICAL INFORMATION

A. HEALTH EFFECTS

	ACUTE	CHRONIC
INGESTION	May cause nausea and vomiting if ingested	NA
INHALATION	Irritation	NA

SKIN	Irritation	NA
EYES	Irritation	NA
HAZARDS		
CARCINOGENIC <input type="checkbox"/>	MUTAGENIC <input type="checkbox"/>	THERATOGENIC <input type="checkbox"/>
INCLUDED IN NOM 010 STPS <input type="checkbox"/>		INCLUDED IN OTHER REFERENCES <input type="checkbox"/>
COMPLEMENTARY INFORMATION		
TEST	RESULTS	ANIMAL SPECIES
NA	NA	NA

SECTION XII. ECOLOGICAL INFORMATION

ECOTOXICITY
NA

SECTION XIII. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS

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

SECTION XIV. TRANSPORT INFORMATION

DOT CLASSIFICATION	Not restricted per 49 CFR 172.101(c)(12)(IV)	SPECIAL PROVISIONS FOR TRANSPORT	NA
PROPER SHIPPING NAME	NONE	TDG CLASSIFICATION	Not a TDG controlled material
DOT IDENTIFICATION #	not applicable	ADR CLASSIFICATION	NA
PACKING GROUP	not applicable	IMDG CLASSIFICATION	Not restricted per IMDG code page 40 par 2.3.1.3
MARITIME TRANSPORTATION	NA	IATA CLASSIFICATION	Not restricted per IATA DGR special provision A3 and ICAO special provision 223.
HAZARDOUS SUSTANCES REPORTABLE QUANTITY	NA		

SECTION XV. REGULATORY INFORMATION

RCRA(40 CFR 261, Subpart D): Not Applicable	NEW JERSEY RIGHT TO KNOW HAZARDOUS SUBSTANCE LIST:
CLEAN WATER ACT: Contains sodium hypochlorite (RQ = 100 lb/45.4 kg) and sodium hydroxide (RQ = 1000 lb/454 kg) which are a Section 301, 307 and 311 materials.	This product contains the following components subject to reporting requirements: sodium hypochlorite and sodium hydroxide.
CLEAN AIR ACT: Not applicable.	PENNSYLVANIA HAZARDOUS SUBSTANCE LIST This product contains the following components subject to reporting requirements: sodium hypochlorite and sodium hydroxide.
SARA Sections 301-304 (Threshold Planning Quantity - TPQ) 40 CFR 355: Not applicable.	MASSACHUSETTS SUBSTANCE LIST: This product contains the following components subject to reporting requirements: sodium hypochlorite and sodium hydroxide.
SECTION 313 (Toxic Chemical Release Reporting) 40 CFR 372: The following chemicals must be reported under SARA 313: Sodium hypochlorite.	STATE OF ILLINOIS SUBSTANCE LIST: This product contains the following components subject to reporting requirements: sodium hypochlorite and sodium hydroxide.
CERCLA: Section 102: (Reportable Quantity - RQ) 40 CFR 302: Not applicable.	MICHIGAN CRITICAL MATERIALS REGISTER: This product contains the following components subject to reporting requirements: Not applicable. CANADA: (WHMIS)- listed material This product contains the following components subject to reporting requirements: sodium hypochlorite and sodium hydroxide.
CALIFORNIA PROPOSITION 65 Carcinogens and reproductive toxins This product contains the following components subject to reporting requirements: Not applicable.	TSCA Section 8(b) INVENTORY STATUS: All ingredients listed in this product are listed in the TSCA Inventory or are not required to be listed in the TSCA Inventory

SECTION XVI. OTHER INFORMATION

HMIS CLASSIFICATION (USA):

HEALTH HAZARD FIRE HAZARD REACTIVITY PERSONAL PROTECTION

NFPA Aerosol Level:

Not Applicable

*NA: Not available

TLV: threshold limit values

*ND: Not determined

CREATION DATE:

June 18, 2003

TRANSCRIPTION DATE

June 26, 2006

TRANSCRIBED BY

LCQ Jesús A. Salazar de León

DISCLAIMER

The submission of this MSDS may be required by law, but this is not an assertion that the substance is hazardous when used in accordance with proper safety practices and normal handling procedures. Data supplied is for use only in connection with occupational safety and health

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