



INDUSTRIAS AlEn
RESEARCH & DEVELOPMENT

MATERIAL SAFETY DATA SHEET

NFPA HAZARDS

HEALTH	2
FLAMMABILITY	0
REACTIVITY	1
SPECIFIC	OXI

SECTION I. PRODUCT AND COMPANY INFORMATION

MANUFACTURER ALEN DEL NORTE S.A. DE C.V.	MEXICO EMERGENCY TELEPHONE 01 800 834 33 00	FAX 01 812 211 96
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 CLORALEX COLOR		
CHEMICAL NAME NA	CAS NUMBER NA	
SYNONYMS/ TRADE NAMES NA		
APPLICATION Household all-purpose cleaner		

SECTION II. COMPOSITION AND INGREDIENTS INFORMATION

HAZARDOUS INGREDIENTS Chemical/Common Name	Composition Range	CAS NUMBER	ACGHI	OSHA PEL/NIOSH REL
Hydrogen Peroxide	1.0 - 4.0	7722-84 -1	TLV-TWA: 1 ppm	PEL-TWA: 1 mg/m ³ REL-TWA: 1 ppm
Phosphoric Acid	< 0.02	7664-38-2	TLV-TWA: 1 mg/m ³ TLV-STEL: 3 mg/m ³	PEL-TWA: 1 mg/m ³ PEL-STEL: 3 mg/m ³ REL-TWA: 1 mg/m ³ REL-STEL: 3 mg/m ³

SECTION III. HAZARDS IDENTIFICATION

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

INGESTION	Do not induce vomit, drink a glassful of water. Call a doctor or poison control center.
INHALATION	Remove to fresh air. If breathing problems develop, call a doctor.
SKIN	Rinse with plenty of water. If irritation persists, call a doctor.
EYES	Wash eyes immediately with large amounts of water or normal saline, occasionally lifting upper and lower lids, until no evidence of chemical remains. Get medical attention, if needed.

SECTION V. FIRE AND EXPLOSION DATA

FLASH POINT °C NA	TEST METHOD NA
FLAMMABILITY NA	EXPLOSIVE LIMITS IN AIR NA
EXTINGUISHING MEDIA: WATER SPRAY <input checked="" type="checkbox"/> CO ₂ <input checked="" type="checkbox"/> FOAM <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	
UNUSUAL FIRE AND EXPLOSION HAZARDS Full breathing apparatus and firefighting equipment	
SPECIAL FIRE FIGHTING PROCEDURES Any tank or container surrounded by fire should be flooded with water for cooling. Wear full protective clothing and self-contained breathing apparatus.	

CONDITIONS TO AVOID

Heat, sparks, open flame and other sources of ignition

HAZARDOUS COMBUSTION PRODUCTS

CO and CO₂

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 OTHER

WORK/HYGIENIC PRACTICES

None special requirements

SECTION IX. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Clear liquid		
COLOR AND ODOR:	Blue green and characteristic fresh floral smell		
BOILING POINT (° C):	ND	MELTING O FREEZING POINT:	NA
FIRE POINT (° C):	NA	AUTO IGNITION TEMPERATURE (°C):	NA
DENSITY (g/ml):	1.012 - 1.019	VAPOR DENSITY:	NA
MOLECULAR WEIGHT:	NA	VOLATILITY:	NA
PERCENT VOLATILE 100°C :	NA	VAPOR PRESSURE (mmHg a 37.3°C):	NA
LOWER EXPLOSION LIMIT (%):	NA	UPPER EXPLOSION LIMITY (%):	NA
pH:	3.0-4.0	VISCOSITY (cps):	NA
SOLUBILITY IN WATER:	COMPLETE		
SOLUBILITY IN OTHERS:	NA		

SECTION X. REACTIVITY INFORMATION

STABILITY:

STABLE UNSTABLE

INCOMPATIBILITY WITH VARIOUS SUBSTANCES

NONE KNOWN WATER ACIDS ALKALIS OXID OTHER
Cobre, copper alloys

HAZARDOUS POLYMERIZATION

WILL NOT OCCUR MAY OCCUR (CONDITION TO AVOID)

CONDITIONS OF INSTABILITY

WILL NOT OCCUR MAY OCCUR (CONDITION TO AVOID)

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon dioxide, carbon monoxide may be produced.

SECTION XI. TOXICOLOGICAL INFORMATION

A. HEALTH EFFECTS

	ACUTE	CHRONIC
INGESTION	May cause irritation to intestinal mucuous.	NA

INHALATION	None under normal use conditions	NA
SKIN	May cause irritation on sensitive skin	NA
EYES	Moderately irritant	NA
HAZARDS	CARCINOGENIC <input type="checkbox"/> INCLUDED IN NOM 010 STPS <input type="checkbox"/>	MUTAGENIC <input type="checkbox"/> THERATOGENIC <input type="checkbox"/> INCLUDED IN OTHER REFERENCES <input type="checkbox"/>
COMPLEMENTARY INFORMATION	TEST	RESULTS
	ND	ND
		ANIMAL SPECIES
		ND

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	NA	SPECIAL PROVISIONS FOR TRANSPORT	NA
PROPER SHIPPING NAME	NA	TDG CLASSIFICATION	NA
DOT IDENTIFICATION #	NA	ADR CLASSIFICATION	NA
PACKING GROUP	NA	IMDG CLASSIFICATION	NA
MARITIME TRASPORTATION	NA	IATA CLASSIFICATION	NA
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 Phosphoric acid which is a 301, 307 and 311 material. RQ = 5000 lb/2270 kg.	This product contains the following components subject to reporting requirements: Hydrogen Peroxide and Phosphoric Acid.
CLEAN AIR ACT: Not Applicable	PENNSYLVANIA HAZARDOUS SUBSTANCE LIST This product contains the following components subject to reporting requirements: Hydrogen Peroxide and Phosphoric Acid.
SARA Sections 301-304 (Threshold Planning Quantity - TPQ) 40 CFR 355: This product contains the following components subject to reporting requirements: Hydrogen Peroxide (RQ = 1000 lbs; TPQ = 1000 lbs).	MASSACHUSETTS SUBSTANCE LIST: This product contains the following components subject to reporting requirements: Hydrogen Peroxide and Phosphoric Acid.
SECTION 313 (Toxic Chemical Release Reporting) 40 CFR 372: The following chemicals must be reported under SARA 313: Not Applicable.	STATE OF ILLINOIS SUBSTANCE LIST: This product contains the following components subject to reporting requirements: Hydrogen Peroxyde and Phosphoric Acid.

<p>CERCLA: Section 102: (Reportable Quantity - RQ) 40 CFR 302: Not Applicable.</p>	<p>MICHIGAN CRITICAL MATERIALS REGISTER: This product contains the following components subject to reporting requirements: Not Applicable.</p>
<p>CALIFORNIA PROPOSITION 65 Carcinogens and reproductive toxins This product contains the following components subject to reporting requirements: Not Applicable.</p>	<p>CANADA: (WHMIS)- listed material This product contains the following components subject to reporting requirements: Hydrogen Peroxide and Phosphoric Acid.</p>
<p>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</p>	

SECTION XVI. OTHER INFORMATION

<p>HMIS CLASSIFICATION (USA): HEALTH HAZARD <input type="text" value="0"/> FIRE HAZARD <input type="text" value="0"/> REACTIVITY <input type="text" value="1"/> PERSONAL PROTECTION <input type="text" value="H"/></p>	<p>NFPA Aerosol Level: Not Applicable *NA: Not available TLV: threshold limit values *ND: Not determined</p>
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<p>CREATION DATE: March 19, 2004</p>	<p>TRANSCRIPTION DATE: October 19, 2006</p>	<p>TRANSCRIBED BY: LQI Flavio Jauregui Aguirre</p>
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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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