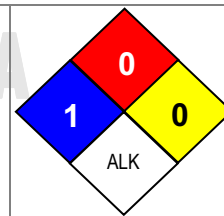




Industrias AIEn
Research & Development
Material Safety Data Sheet



SAP Code

MSDS FP-6050103

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) CHEMTRAC	
	For domestic shipments	800 424 9300
	For shipments outside US	703 527 3887
Product Name XTRA PINE POWERFUL LEMON		
Chemical Name Mixture	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
2-propanol / Isopropyl alcohol	0.2 – 1.0	67-63-0	TLV-TWA 400ppm TLV-STEL 500ppm	PEL-TWA: 400ppm REL-TWA: 400ppm REL-STEL: 500ppm
Ethanol / ethyl alcohol	0.2 – 1.0	64-17-5	TWA: 1000 ppm	REL-TWA: 1000 ppm (1900 mg/m ³)

SECTION III – HAZARDS IDENTIFICATION

Emergency overview

There is not known adverse effect form chronic exposure to the recommended use of this product.

SECTION IV – FIRST AID MEASURES

Ingestion	Do not induce vomit, drink large quantities of water or milk and get medical attention.
Inhalation	Is not an irritant, in case concentrated vapors were formed due to heating, get fresh air.
Skin	Wash with soap or mild detergent and large amounts of water until no evidence of product remains.

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.
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SECTION V – FIRE AND EXPLOSION DATA

Flash Point (°C)	Test method
NA	Pensky-Martens Closed Cup Test.
Flammability	Explosive limits in air
NA	No explosion hazard.
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	
NA	
Conditions to avoid	
NA	
Hazardous combustion products	
ND	

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.
Small spills: wash area with plenty of water.
Personal protection equipment
Gloves <input checked="" type="checkbox"/> Latex Googles <input checked="" type="checkbox"/> Boots <input checked="" type="checkbox"/> Coarse <input type="checkbox"/> Other <input type="checkbox"/>

SECTION VII – HANDLING AND STORAGE

Handling
Use with adequate ventilation. Avoid contact with skin, eyes and clothing.
Storage
Keep out of reach of children. Keep containers closed when not in use. Store in a well ventilated, cool, dry area. Do not store near heat, sparks or open flame. Keep from freezing.

SECTION VIII – EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation requirements
General ventilation <input checked="" type="checkbox"/> Local ventilation <input type="checkbox"/> Unnecessary in normal cond. <input type="checkbox"/>
Personal protection equipment under normal use conditions

Gloves Latex Goggles Boots Coarse Other

Work/hygienic practices

None special requirements.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear liquid		
Color and odor:	Green and characteristic citric odor		
Boiling point (°C):	97.0	Melting or freezing point:	ND
Fire point (°C):	NA	Auto ignition temperature (°C):	NA
Density (g/ml):	0.990-1.010	Vapor density:	NA
Molecular weight:	NA	Volatility:	NA
Percent volatile 100°C :	>97.0	Vapor pressure (mmHg @ 37.3°C):	NA
Lower explosion limit (%):	NA	Upper explosion limit (%):	NA
pH:	7.0-8.1	Viscosity (cPs):	NA
Solubility in water:	Complete	Solubility in others:	ND

SECTION X – REACTIVITY INFORMATION

Stability:	
Stable <input checked="" type="checkbox"/>	Unstable <input type="checkbox"/>
Incompatibility with various substances:	
None <input type="checkbox"/> known	Water <input type="checkbox"/> Acids <input checked="" type="checkbox"/> Alkalis <input type="checkbox"/> Oxide <input checked="" type="checkbox"/> Other <input type="checkbox"/>
Hazardous polymerization:	
Will not occur <input checked="" type="checkbox"/>	May occur <input type="checkbox"/>
Conditions of instability:	
Will not occur <input checked="" type="checkbox"/>	May occur <input type="checkbox"/>
Hazardous decomposition products:	
Carbon dioxide, carbon monoxide may be produced. Sulfur compounds may also be produced.	

SECTION XI – TOXICOLOGICAL INFORMATION

Health effects		
Contact via	Acute	Chronic
Ingestion	May cause irritation to intestinal mucous	NA
Inhalation	None under normal use conditions	None under normal use conditions
Skin	May cause irritation on sensitive skin	NA

Eyes	Moderately irritant	NA
Hazards Carcinogenic <input type="checkbox"/> Mutagenic <input type="checkbox"/> Theratogenic <input type="checkbox"/> Included in <input type="checkbox"/> Included in <input type="checkbox"/> NOM 010 STPS other references		
Complementary information		
Test	Results	Animal Species
ND	ND	ND

SECTION XII – ECOLOGICAL INFORMATION

Ecotoxicity NA

SECTION XIII – DISPOSAL CONSIDERATIONS

Waste disposal methods Dispose in accordance with all local, state and federal regulations.
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SECTION XIV – TRANSPORT INFORMATION

Regulation	Proper Shipping Name	Identification number UN/NA	Hazard Classification	Packing Group
Land Transportation DOT (USA)	NA	NA	NA	NA
Land Transportation TDG (Canada)	NA	NA	NA	NA
Land Transportation ADR (Europe)	NA	NA	NA	NA
Air Transportation IATA (International)	NA	NA	NA	NA
Water Transportation IMDG (International)	NA	NA	NA	NA

SECTION XV – REGULATORY INFORMATION

RCRA (40 CFR 261, Subpart D): Not applicable	New Jersey Right to Know Hazardous Substance List: This product contains the following components subject to reporting requirements: 2-butoxyethanol.
Clean Water Act: Not applicable	Pennsylvania Hazardous Substance List This product contains the following components subject to reporting requirements: 2-butoxyethanol.
Clean Air Act: Contains nonylphenol ethoxylate which is a Section 111 material and 2-butoxyethanol which is a Section 111 and 112 material.	Massachusetts Substance List: This product contains the following components subject to reporting requirements: 2-butoxyethanol.
SARA Sections 301-304 (Threshold Planning Quantity -	State Of Illinois Substance List:

TPQ) 40 CFR 355: Not applicable	This product contains the following components subject to reporting requirements: 2-butoxyethanol.
Section 313 (Toxic Chemical Release Reporting) 40 CFR 372: Not applicable	Michigan Critical Materials Register: Not applicable
CERCLA Section 102 (Reportable Quantity - RQ): Not applicable	Canada (WHMIS) - listed material: This product contains the following components subject to reporting requirements: 2-butoxyethanol.
California Proposition 65 Carcinogens and reproductive toxins 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)	HMIS Letter	Required Equipment
Health 1	A	Safety glasses.
Flammability 0	B	Safety glasses, gloves.
Physical Hazard 0	C	Safety glasses, gloves, protective apron.
Personal Protection B	D	Face shield, gloves, protective apron.
	E	Safety glasses, gloves, dust respirator.
	F	Safety glasses, gloves, protective apron, dust respirator.
	G	Safety glasses, gloves, vapor respirator.
	H	Splash glasses, gloves, protective apron, vapor respirator.
	I	Safety glasses, gloves, dust respirator, vapor respirator.
	J	Safety glasses, gloves, protective apron, dust respirator, vapor respirator.
	K	Air line mask or hood, gloves, full suit, boots.
NFPA Aerosol Level: NA NA: Not Applicable TLV: Threshold Limit Values ND: Not Determined		

Creation date:	Last revision date:	Next revision date:	Created by:
June 21, 2004	22/ene/20144	22/ene/20166	Gerardo Urbina Pacheco

DISCLAIMER

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