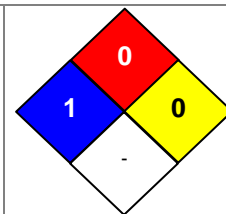




Industrias AIEn
Research & Development
Material Safety Data Sheet



SAP Code

MSDS FP-6050310

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 81 8122 1099
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 PINALEN MAX LAVENDER		
Chemical Name NA	CAS Number NA	
Synonyms/Trade Names NA		
Application Household all-purpose cleaner		

SECTION II – COMPOSITION AND INGREDIENTES INFORMATION

Hazardous Ingredients Chemical/Common Name	Composition Range	CAS Number	ACGHI	OSHA PEL/NIOSH REL
2-propanol / Isopropyl alcohol	0.10 – 0.50	67-63-0	TLV-TWA: 400 ppm TLV-STEL: 500 ppm	PEL-TWA: 400 ppm REL-TWA: 400 ppm REL-STEL: 500 ppm
Ethanol / Ethyl alcohol	0.10 – 0.50	64-17-5	TLV-TWA: 1000 ppm	PEL-TWA: 1000 ppm REL-TWA: 1000 ppm
Sodium hydroxide/Caustic soda	0.03 – 0.08	1310-73-2	TLV-ceiling: 2mg/m ³	REL-ceiling: 2mg/m ³ PEL-TWA: 2mg/m ³

SECTION III – HAZARDS IDENTIFICATION

Emergency overview

There is not known adverse effect from 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.

SECTION V – FIRE AND EXPLOSION DATA

Flash Point (°C) NA	Test method NA
Flammability NA	Explosive limits in air 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 Goggles <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:	Opaque liquid.		
Color and odor:	Purple and characteristic lavender smell		
Boiling point (°C):	ND	Melting or freezing point:	NA
Fire point (°C):	NA	Auto ignition temperature (°C):	NA
Density (g/ml):	1.008	Vapor density:	NA
Molecular weight:	NA	Volatility:	NA
Percent volatile 100°C:	96.5 – 97.5	Vapor pressure (mmHg @ 37.3°C):	NA
Lower explosion limit (%):	NA	Upper explosion limit (%):	NA
pH:	6.5 – 7.5	Viscosity (Cps):	120
Solubility in water:	Complete	Solubility in others:	NA

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"/> NOM 010 STPS Included in <input type="checkbox"/> other references		
Complementary information		
Test	Results	Animal Species
ND	ND	ND

SECTION XII – ECOLOGICAL INFORMATION

NA

SECTION XIII – DISPOSAL CONSIDERATIONS

Waste disposal methods

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

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):	New Jersey Right to Know Hazardous Substance List:
Not applicable.	This product contains the following components subject to reporting requirements: isopropanol, ethanol, 2-phenoxyethanol and sodium hydroxide.
Clean Water Act:	Pennsylvania Hazardous Substance List:
Contain sodium hydroxide (RQ = 1000 lb/454 kg) which is regulated under Sections 301, 307 and 311.	This product contains the following components subject to reporting requirements: isopropanol, ethanol, 2-phenoxyethanol and sodium hydroxide.
Clean Air Act (Section 111 Volatile Organic Compounds):	Massachusetts Substance List:
Contains Isopropanol, Ethanol and 2-phenoxyethanol.	This product contains the following components subject to reporting requirements: isopropanol, ethanol and sodium hydroxide.

SARA Sections 301-304 (Threshold Planning Quantity - TPQ) 40 CFR 355:	State Of Illinois Substance List:
Not applicable.	This product contains the following components subject to reporting requirements: isopropanol, ethanol, 2-phenoxyethanol and sodium hydroxide.
SARA Section 313 (Toxic Chemical Release Reporting) 40 CFR 372:	Michigan Critical Materials Register:
The following chemicals must be reported under SARA 313: isopropyl alcohol, 2-phenoxyethanol and sodium hydroxide.	Not applicable.
CERCLA Section 102 (Reportable Quantity - RQ):	Canada (WHMIS) - listed material:
Not applicable	This product contains the following components subject to reporting requirements: isopropanol, ethanol, 2-phenoxyethanol and sodium hydroxide.
California Proposition 65 Carcinogens and reproductive toxins:	TSCA Section 8(b) Inventory Status:
Not applicable.	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:
May 27, 2012	May 27, 2012	Aug 30, 2013	Flavio Jauregui Aguirre

DISCLAIMER

The submission of this MSDS may be required by law, but this is not an assertion that the substance is not hazardous when it is not used in accordance with proper safety practices and normal handling procedures. Data supplied is for use only in connection with occupational safety and health. The information contained herein has been compiled from sources considered by Industrias AIEn to be dependable and is accurate to the best of the Company's knowledge. The information relates to the specific material designated herein, and does not relate to the use in combination with any other material or any other process. Industrias AIEn assumed no responsibility for injury to the recipient or third persons, for any damage to any property from misuse of the controlled product.