



Industrias AIE
Research & Development
Material Safety Data Sheet

NFPA - HAZARDS

HEALTH	1
FLAMMABILITY	2
REACTIVITY	0
SPECIFIC	ALK

SAP Code

6050197

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 PINALEN LAVENDER ESSENCES		
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
Pine oil	2.0 – 8.0	8002-09-3	TLV: Not estab.	ND
Dodecyl benzene sulfonic acid	0.20 – 2.00	27176-87-0	TLV: Not estab.	ND
Isopropyl alcohol/ Isopropanol	5.0 – 10.0	67-63-0	TLV-TWA: 400ppm TLV-STEL: 500ppm	REL-TWA: 400ppm REL-STEL: 500 ppm PEL-TWA: 400ppm
Sodium hydroxide/caustic soda	0.001 – 0.200	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 form chronic exposure to the recommended use of this product.

SECTION IV – FIRST AID MEASURES

Ingestion	If swallowed, DO NOT induce vomiting. Wash mouth with plenty of water for at least 15 minutes. Drink water, if vomiting does occur, give fluids again. Get medical attention to determine whether vomiting or evacuation of stomach is necessary. Do not give anything by mouth to an unconscious person.
Inhalation	Remove to fresh air. Seek medical attention if respiratory irritation develops or if breathing becomes difficult.
Skin	Wash affected areas with plenty of water and soap if available, for several minutes. Seek medical attention if irritation develops.
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)	Test method
38.5	Pensky-Martens Closed Cup Test.
Flammability	Explosive limits in air
NA	NA
Extinguishing media:	
Water spray <input checked="" type="checkbox"/> CO ₂ <input checked="" type="checkbox"/> Foam <input checked="" type="checkbox"/> Other <input type="checkbox"/> (specify)	
Unusual fire and explosion hazards	
Full breathing apparatus and firefighting equipment.	
Special fire fighting procedures	
Use water spray to keep containers cool.	
Conditions to avoid	
Heat, sparks, open flame and other sources of ignition. Empty containers may still retain material residues, do not cut, held, heat or expose such areas to fire because they may explode and cause injury.	
Hazardous combustion products	
Carbon monoxide and carbon dioxide.	

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
Latex

Goggles

Boots

Coarse
Resistant

Other
(specify)

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 Local ventilation Unnecessary in normal cond.

Personal protection equipment under normal use conditions

Gloves
Latex

Goggles

Boots

Coarse

Other
(specify)

Work/hygienic practices

None special requirements.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear liquid		
Color and odor:	Colorless to slightly yellow with characteristic herbal odor		
Boiling point (°C):	85.0	Melting or freezing point:	ND
Flash point (°C):	38.5	Auto ignition temperature (°C):	ND
Density (g/ml):	0.980	Vapor density:	ND
Molecular weight:	NA	Volatility:	ND
Percent volatile 100°C:	88.0	Vapor pressure (mmHg @ 37.3°C):	ND
Lower explosion limit (%):	ND	Upper explosion limit (%):	ND
pH:	8.0	Viscosity @ 25°C/60rpm (cPs):	NA
Solubility in water:	Soluble	Solubility in others:	ND

SECTION X – REACTIVITY INFORMATION

Stability:

Stable Unstable

Incompatibility with various substances:

None known Water Acids Alkalis Oxide Other (specify)

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. 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	May cause irritation due to frequent contact with the product
Eyes	Moderately irritant	NA

Hazards

Carcinogenic Mutagenic Theratogenic Included in Included in
 NOM 010 other references
 STPS

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	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 transportation	NA	IATA classification	NA
Hazardous substances reportable quantity	NA		

SECTION XV – REGULATORY INFORMATION

<p>RCRA (40 CFR 261, Subpart D):</p> <p>Not applicable.</p>	<p>New Jersey Right to Know Hazardous Substance List:</p> <p>This product contains the following components subject to reporting requirements: isopropanol, pine oil, dodecyl benzene sulfonic acid and sodium hydroxide.</p>
--	--

<p>Clean Water Act:</p> <p>Contains dodecyl benzene sulfonic acid (RQ = 1000 lb/454 kg) and sodium hydroxide (RQ = 1000 lb/454 kg) which are a 301, 307 and 311 material.</p>	<p>Pennsylvania Hazardous Substance List:</p> <p>This product contains the following components subject to reporting requirements: isopropanol, pine oil, dodecyl benzene sulfonic acid and sodium hydroxide.</p>
<p>Clean Air Act:</p> <p>Contains isopropanol and dodecyl benzene sulfonic acid which are a Section 111 materials.</p>	<p>Massachusetts Substance List:</p> <p>This product contains the following components subject to reporting requirements: isopropanol, pine oil, dodecyl benzene sulfonic acid and sodium hydroxide.</p>
<p>SARA Sections 301-304 (Threshold Planning Quantity - TPQ) 40 CFR 355:</p> <p>Not applicable.</p>	<p>State Of Illinois Substance List:</p> <p>This product contains the following components subject to reporting requirements: isopropanol, pine oil, dodecyl benzene sulfonic acid and sodium hydroxide.</p>
<p>Section 313 (Toxic Chemical Release Reporting) 40 CFR 372:</p> <p>Not applicable.</p>	<p>Michigan Critical Materials Register:</p> <p>Not applicable.</p>
<p>CERCLA Section 102 (Reportable Quantity - RQ):</p> <p>Not applicable.</p> <p>California Proposition 65 Carcinogens and reproductive toxins:</p> <p>Not applicable.</p>	<p>Canada (WHMIS) - listed material:</p> <p>This product contains the following components subject to reporting requirements: isopropanol, dodecyl benzene sulfonic acid and sodium hydroxide.</p> <p>TSCA Section 8(b) Inventory Status:</p> <p>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):</p> <table border="0"> <tr> <td style="padding-right: 10px;">Health Hazard</td> <td style="text-align: center; border: 1px solid black;">1</td> </tr> <tr> <td style="padding-right: 10px;">Fire Hazard</td> <td style="text-align: center; border: 1px solid black;">2</td> </tr> <tr> <td style="padding-right: 10px;">Reactivity</td> <td style="text-align: center; border: 1px solid black;">0</td> </tr> <tr> <td style="padding-right: 10px;">Personal Protection</td> <td style="text-align: center; border: 1px solid black;">B</td> </tr> </table>	Health Hazard	1	Fire Hazard	2	Reactivity	0	Personal Protection	B	<p>NFPA Aerosol Level:</p> <p>Not applicable</p> <p>*NA: Not available TLV: threshold limit values *ND: Not determined</p>
Health Hazard	1								
Fire Hazard	2								
Reactivity	0								
Personal Protection	B								

Creation date:	Transcription date:	Transcribed by:
December 13, 2007	December 13, 2007	LCQ Jesus A. Salazar de Leon

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. 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.