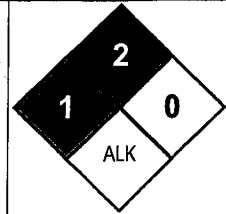




Industrias AIEn
Research & Development
Safety Data Sheet



SAP Code

SDS FP-6050451

SECTION 1 – IDENTIFICATION

Manufacturer ALEN DEL NORTE S.A. DE C.V.	Mexico emergency telephone 01 800 834 33 00	Fax +52 (81) 81221099
Address	Emergency telephone number (US)	
Blvd. Díaz Ordaz No. 1000, Los Treviño, Santa Catarina, N.L. C.P. 66150, México	CHEMTRAC	
	For domestic shipments	800 424 9300
	For shipments outside US	703 527 3887
Product Name MULTIPURPOSE CLEANER PINALEN ORIGINAL		
Chemical Name NA	CAS Number NA	
Synonyms/Trade Names Pine oil emulsion		
Application Household multipurpose cleaner	Restrictions on use This product is not intended for industrial uses or as a sanitizing agent.	

SECTION 2 – HAZARDS IDENTIFICATION

Classification: Skin Irritation Cat. 3 Eye Irritation Cat. 2B Aquatic Acute Toxicity Cat. 3	
This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).	
Signal word:	Warning
Hazard Statements:	H316 Causes mild skin irritation. H320 Causes eye irritation. H402 Harmful to aquatic life.
Pictograms:	No pictogram required.

Precautionary Statements	
<p>❖ Prevention: Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling. Avoid release of large quantities to the environment.</p>	<p>❖ Storage: Keep out of reach of children. Keep containers closed when not in use. Store in a cool, dry area. Keep away from heat, sparks or open flame.</p>
<p>❖ Response: IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. IF ON SKIN: Take off contaminated clothing. Rinse skin with plenty of water for 15 – 20 minutes. IF SWALLOWED: Get prompt medical attention. Give a glassful of water. Do not induce vomiting.</p>	<p>❖ Disposal: Dispose in accordance with all applicable local, state and federal regulations.</p>
<p>Hazard not otherwise classified: Repeated or prolonged contact may cause skin sensitization.</p>	<p>Unknown Toxicity: Not applicable.</p>

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredients Chemical/Common Name	Composition Range	CAS Number
Pine oil	2.0 – 8.0	8002-09-3
Lauric acid, sodium salt (dodecanoic acid, sodium salt)	1.2 – 2.5	629-25-4

SECTION 4 – FIRST-AID MEASURES

For treatment advice, call a Poison Control Center or a doctor.

Ingestion	<ul style="list-style-type: none"> ▪ Do not induce vomiting. ▪ Drink large quantities of water or milk. ▪ Apply other supportive measures as indicated by the patient's clinical condition. ▪ Get immediate medical attention.
Inhalation	<ul style="list-style-type: none"> ▪ Remove patient from exposure to fresh air. ▪ Get medical attention if respiratory irritation is present or if breathing is difficult.
Skin	<ul style="list-style-type: none"> ▪ Remove patient from exposure. ▪ Rinse affected area with plenty of water and soap for at least 15 minutes, while removing all soiled clothing. ▪ Get medical attention if irritation develops or persists.
Eyes	<ul style="list-style-type: none"> ▪ Remove patient from exposure. ▪ Remove contact lenses if necessary and immediately irrigate the affected eye thoroughly with water or 0.9% saline for at least 10-15 minutes, until no evidence of chemical remains. ▪ Get medical attention.
<p>Most important symptoms and effects: Irritation of eyes and/or skin</p>	<p>Indication of any immediate medical attention and special treatment needed: Treat symptomatically.</p>

SECTION 5 – FIRE-FIGHTING MEASURES

Flash Point (°C)	Test method
Not determined	----
Flammability	Explosive limits in air
NA	NA
Extinguishing media:	
Water spray <input checked="" type="checkbox"/>	CO ₂ <input checked="" type="checkbox"/> Foam <input type="checkbox"/> Other <input type="checkbox"/>
Unusual fire and explosion hazards: NA	
Special protective equipment: Full breathing apparatus and fire-fighting equipment.	
Special fire-fighting procedures: Use water spray to keep containers cool.	
Conditions to avoid: Heat, sparks, open flame and other sources of ignition.	
Hazardous combustion products: Carbon monoxide and carbon dioxide.	

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions				
Gloves <input checked="" type="checkbox"/> Latex	Goggles <input checked="" type="checkbox"/>	Boots <input checked="" type="checkbox"/>	Apron <input checked="" type="checkbox"/>	Other <input type="checkbox"/>
Emergency Procedures in case of release or spillage:				
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 because the surface may be slippery.				
Small spills: Wash area with plenty of water and dispose the material in accordance with all local, state and federal regulations. Avoid heat, sparks, open flame and other sources of ignition. Avoid contact with skin, eyes and clothing.				
Environmental precautions: Do not allow product to enter lakes, rivers or streams. The product is harmful to fish. See section 12 for ecological information.				
Methods and Materials for Containment and Cleaning up:				
Use absorbent material and collect in closed containers, wash with plenty water, and conduct to sanitary treatment facility.				

SECTION 7 – HANDLING AND STORAGE

Precautions for safe handling: Use with adequate ventilation. Avoid contact with skin, eyes and clothing. Do not eat, drink, or smoke when using the product. Do not mix with acids and other cleaning products.
Recommendations on the conditions for safe storage: Keep out of reach of children. Keep containers closed when not in use. Store in a cool, dry area. Keep away from heat, sparks or open flame.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits:

Hazardous Ingredients Chemical/Common Name	CAS Number	ACGIH TLV	OSHA PEL/NIOSH REL
Pine oil	8002-09-3	TLV: Not estab.	ND
Lauric acid, sodium salt (dodecanoic acid, sodium salt)	629-25-4	Not listed	Not listed

Appropriate engineering controls:

Eye washers

Ventilation requirements

General ventilation Local ventilation Unnecessary in normal cond.

Work practices: Handle according to good industrial hygiene and safety practices.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear liquid		
Color and odor:	Light yellow and characteristic pine oil smell		
Boiling point (°C):	95.0	Melting or freezing point:	ND
Flash point (°C):	ND	Decomposition temperature:	ND
Fire point (°C):	NA	Auto ignition temperature (°C):	ND
Density (g/ml):	0.99 – 1.01	Vapor density:	ND
Molecular weight:	NA	Volatility:	ND
Percent volatile 100°C:	95.0	Vapor pressure (mmHg @ 20°C):	ND
Lower explosion limit (%):	NA	Upper explosion limit (%):	NA
pH:	12.0 – 12.45	Viscosity (cPs):	NA
Solubility in water:	Complete	Solubility in others:	ND
Partition coefficient: n-octanol / water	ND	Odor threshold:	ND

SECTION 10 – STABILITY AND REACTIVITY

Reactivity:

May react with acidic and other cleaning products.

Chemical stability:

Stable Unstable

Under recommended storage conditions

Possibility of hazardous reactions:
Not under normal handling of product.

Conditions to avoid:
None known.

Incompatible materials:
None known
Water Acids Alkalis Oxide Other

Hazardous decomposition products:
Carbon dioxide and carbon monoxide may be produced.

Hazardous polymerization:
Will not occur May occur

SECTION 11 – TOXICOLOGICAL INFORMATION

Information on the likely routes of exposure

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 skin irritation.	Repeated or prolonged contact may cause an allergic skin reaction.
Eyes	Causes eye irritation.	NA

Symptoms:
Redness of eyes and/or skin.

Chronic effects from short and long-term exposure:
 Carcinogenic Mutagenic Theratogenic Included in Included in
 NOM 010 STPS other references

National Toxicology Program (NTP) Report on Carcinogens: Not listed.
International Agency for Research on Cancer (IARC) Monographs: Not listed.
OSHA: Not listed.

Complementary information

Chemical Name	LD50 Oral	Animal Species
Pine oil	3,200 mg/kg	Rat
Lauric acid, sodium salt (dodecanoic acid, sodium salt)	1,008.7 mg/kg	Rat (intraperitoneal)

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity: Harmful to aquatic life (fish and other aquatic invertebrates). Do not allow product to enter lakes, rivers or streams.

Persistence and degradation in environment: Product is readily biodegradable.

Test of bioaccumulation: No information available

Other adverse effects : No information available

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste disposal methods: Dispose in accordance with all applicable local, state and federal regulations.

Contaminated packaging: Do not reuse empty containers.

SECTION 14 – TRANSPORT INFORMATION

Regulation	Proper Shipping Name	Identification number UN/NA	Hazard Classification	Packing Group
Land Transportation DOT (USA)	Not regulated	Not regulated	Not regulated	Not regulated
Land Transportation TDG (Canada)	Not regulated	Not regulated	Not regulated	Not regulated
Land Transportation ADR (Europe)	Not regulated	Not regulated	Not regulated	Not regulated
Air Transportation IATA (International)	Not regulated	Not regulated	Not regulated	Not regulated
Water Transportation IMDG (International)	Not regulated	Not regulated	Not regulated	Not regulated

SECTION 15 – 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: Pine oil.
Clean Water Act:	Pennsylvania Hazardous Substance List
Not applicable.	Not applicable.
Clean Air Act:	Massachusetts Substance List:
Not applicable.	Not applicable.
SARA Sections 301-304 (Threshold Planning Quantity - TPQ) 40 CFR 355:	State Of Illinois Substance List:

Not applicable.	Not applicable.
Section 313 (Toxic Chemical Release Reporting) 40 CFR 372:	Michigan Critical Materials Register:
Not applicable.	Not applicable.
CERCLA Section 102 (Reportable Quantity - RQ):	Canada (WHMIS) - listed material:
Not applicable.	Not applicable.
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 16 – OTHER INFORMATION

HMIS Classification (USA)	HMIS Letter	Required Equipment
Health 1	A	Safety glasses.
Flammability 2	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:
	27/07/2017	24/07/2019	Gerardo Urbina Pacheco

DISCLAIMER

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