



**Industrias AIEn
Research & Development
Material Safety Data Sheet**

Classification

Public

SAP Code

SDS FP-6050556

SECTION 1 – IDENTIFICATION

Manufacturer ALEN DEL NORTE S.A. DE C.V.		Mexico emergency telephone 01 800 834 33 00	
Address		Information telephone (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 Fabric Softener Ensueño Naturals® Fresh Bamboo			
Chemical Name NA, Mixture		CAS Number NA	
Synonyms/Trade Names NA			
Application Household fabric softener.	Restrictions on use Do not use on clothes marked “dry clean only”. This product is not intended for industrial uses.		

SECTION 2 – HAZARDS IDENTIFICATION

Classification: Eye irritation Cat. 2B This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).	
Signal word:	Warning
Hazard Statements: H320 Causes eye irritation.	
Pictograms: No pictogram required.	

Precautionary Statements	
<p>❖ Prevention: Avoid contact with eyes. Wash hands thoroughly after handling. Do not ingest this product.</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 SWALLOWED: Drink plenty of water. Get medical attention.</p>	<p>❖ Disposal: Dispose in accordance with all applicable local, state and federal regulations.</p>
<p>Hazard not otherwise classified: Not applicable.</p>	<p>Unknown Toxicity: Not applicable.</p>

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS		
Hazardous Ingredients Chemical/Common Name	Composition Range	CAS Number
Ethyl alcohol / Ethanol	0.1 – 1.0	64-17-5
Pentane-1,5-dial / Glutaraldehyde	< 0.05	111-30-8

SECTION 4 – FIRST-AID MEASURES	
For treatment advice, call a Poison Control Center or a doctor.	
Ingestion	Do not induce vomiting, drink plenty of water. Get medical attention. Apply any other supportive measures as indicated by the patient's clinical condition.
Inhalation	Not a respiratory irritant.
Skin	This product is not a skin irritant. If splashing occurs, wash area with plenty of water and soap or mild detergent, until no evidence of product remains.
Eyes	Remove contact lenses if necessary and immediately rinse eyes thoroughly with water, for at least 10-15 minutes, until no evidence of product remains. Get medical attention if irritation develops or persists.
<p>Most important symptoms and effects: Redness of eyes.</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
NA	----
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: NA
Special protective equipment: Wear NIOSH approved self-contained breathing apparatus and full protective clothing when fighting fires involving chemicals.
Special fire-fighting procedures: NA
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

<p>Personal precautions</p> <p>Gloves <input checked="" type="checkbox"/> Latex Goggles <input checked="" type="checkbox"/> Boots <input checked="" type="checkbox"/> Coat <input type="checkbox"/> Other <input type="checkbox"/></p> <p>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 and dispose of according to all local regulations. Wash area with water. 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.</p> <p>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.</p>

SECTION 7 – HANDLING AND STORAGE

<p>Precautions for safe handling: Avoid contact with eyes and skin. Do not eat, drink, or smoke when using the product. Wash hands thoroughly after using the product.</p> <p>Recommendations on the conditions for safe storage: Keep out of reach of children. Keep containers closed when not in use. Store in a well-ventilated, cool, dry area. Keep away from heat, sparks or open flame. Keep from freezing.</p>

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits:			
Hazardous Ingredients Chemical/Common Name	CAS Number	ACGIH TLV	OSHA PEL/NIOSH REL
Ethyl alcohol / Ethanol	64-17-5	TLV-TWA: 1000 ppm	PEL-TWA: 1000 ppm (1900 mg/m ³)
Pentane-1,5-dial / Glutaraldehyde	111-30-8	TLV-ceiling: 0.05 ppm	PEL-ceiling: 0.05 ppm (0.2 mg/m ³)
<p>Appropriate engineering controls: Eye washers</p> <p>Ventilation requirements General ventilation <input checked="" type="checkbox"/> Local ventilation <input type="checkbox"/> Unnecessary in normal cond. <input type="checkbox"/></p>			

Work practices: Follow good manufacturing practices for housekeeping and personal hygiene. Wash any exposed skin immediately after chemical contact and before breaks and meals, and at the end of each work period. Contaminated clothing and shoes should be thoroughly cleaned before re-use.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous opalescent liquid		
Color and odor:	White color and characteristic floral scent		
Boiling point (°C):	NA	Melting or freezing point:	ND
Flash point (°C):	NA	Decomposition temperature:	ND
Fire point (°C):	NA	Auto ignition temperature (°C):	ND
Density (g/ml):	0.960 – 1.030	Vapor density:	ND
Molecular weight:	NA	Volatility:	ND
Percent volatile 100°C:	ND	Vapor pressure (mmHg @ 20°C):	ND
Lower explosion limit (%):	NA	Upper explosion limit (%):	NA
pH:	3.0 – 4.0	Viscosity (cPs):	80 - 200
Solubility in water:	Dispersible	Solubility in others:	ND
Partition coefficient: n-octanol / water	ND	Odor threshold:	ND

SECTION 10 – STABILITY AND REACTIVITY

Reactivity:

May react with very oxidant substances and other cleaning products.

Chemical stability:

Stable Unstable

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
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Ingestion	May cause irritation to intestinal mucous.	NA
Inhalation	None under normal use conditions	None under normal use conditions
Skin	Not irritant.	None under normal use conditions
Eyes	Causes moderate eye irritation.	NA

Symptoms:

Redness of eyes.

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: Ethyl alcohol is listed as *Group 1 Carcinogenic to humans* when consumed in alcoholic beverages.

Complementary Information:

Test	Result	Animal Species
Repeated Insult Patch Test/ETC Entry No:37721	No skin irritation or allergic contact dermatitis in 103 human subjects (54% of whom had self-perceived sensitive skin).	Human

OSHA: Not otherwise listed.

Complementary information

Chemical Name	LD50 Oral	Animal Species
Ethyl alcohol	6,200 mg/kg	Rat
Glutaraldehyde	134 mg/kg	Rat

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity: No information available.

Persistence and degradation in environment: Product is inherently biodegradable, OECD 301D: Closed Bottle Biodegradation Testing.

Test of bioaccumulation: No information available.

Other adverse effects: No information available.

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste disposal methods: Place material into sealed containers and 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: ethyl alcohol and glutaraldehyde.
Clean Water Act:	Pennsylvania Hazardous Substance List:
Not applicable.	This product contains the following components subject to reporting requirements: ethyl alcohol and glutaraldehyde.
Clean Air Act:	Massachusetts Substance List:
Contains ethyl alcohol which is regulated under Section 111.	This product contains the following components subject to reporting requirements: ethyl alcohol and glutaraldehyde.
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: ethyl alcohol and glutaraldehyde.
SARA 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.	This product contains the following components subject to reporting requirements: ethyl alcohol and glutaraldehyde.
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	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			

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March 14 th , 2019	March 14 th , 2019	March 14 th , 2021	Flavio Jauregui

DISCLAIMER

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